silensis

05

Constructive process and new publications on construction of the Silensis walls developed by Hispalyt

HISPALYT
CERÁMICA PARA CONSTRUIR

05. Constructive process and new publications on construction of the Silensis walls developed by Hispalyt

INDEX

05. Constructive process and new publications by Hispalyt

05. 1 Silensis walls constructive process

1) Preparation and setting-out on site	
2) Placement of elastic bands in the base of the wall	
3) Building of the walls	
4) Placement of the elastic bands at the top of the wall	
5) Union with the facades, pillars and interior walls	
6) Placement of the facilities in the walls	
7) Wall and ceiling cladding	
8) Floor covering	

05. Constructive process and new publications by Hispalyt

05. 1 Silensis walls constructive process

1)	Preparation and setting-out on site
2)	Placement of elastic bands in the base of the wall
3)	Building of the walls
4)	Placement of the elastic bands at the top of the wall
5)	Union with the facades, pillars and interior walls
6)	Placement of the facilities in the walls
7)	Wall and ceiling cladding
8)	Floor covering

Whether the wall has or has no elastic bands on the base, the line of the horizontal setting-out will be done by marking the width of the wall without consider the claddings of the walls

The width of the elastic band must be greater or equal to the width of the wall without cladding, ensuring at all times that the brick is not going to contact the constructive elements of which we want to be disconnected

We recommended that the width of the elastic band is 4 cm greater than the width of the brick. In this way, the elastic band must overhang approximately 2 cm to each side of the wall.

Only in the large format hollow brick, because of less formation of burrs during the building of the wall, it is possible to use elastic bands of the same width of the brick.

05. Constructive process and new publications by Hispalyt

05. 1 Silensis walls constructive process

1)	Preparation and setting-out on site
2)	Placement of elastic bands in the base of the wall
3)	Building of the walls
4)	Placement of the elastic bands at the top of the wall
5)	Union with the facades, pillars and interior walls
6)	Placement of the facilities in the walls
7)	Wall and ceiling cladding
8)	Floor covering

Whether the wall has or has no elastic bands on the base, the line of the horizontal setting-out will be done by marking the width of the wall without consider the claddings of the walls

The width of the elastic band must be greater or equal to the width of the wall without cladding, ensuring at all times that the brick is not going to contact the constructive elements of which we want to be disconnected

We recommended that the width of the elastic band is 4 cm greater than the width of the brick. In this way, the elastic band must overhang approximately 2 cm to each side of the wall.

Only in the large format hollow brick, because of less formation of burrs during the building of the wall, it is possible to use elastic bands of the same width of the brick.

05. Constructive process and new publications by Hispalyt

05. 1 Silensis walls constructive process

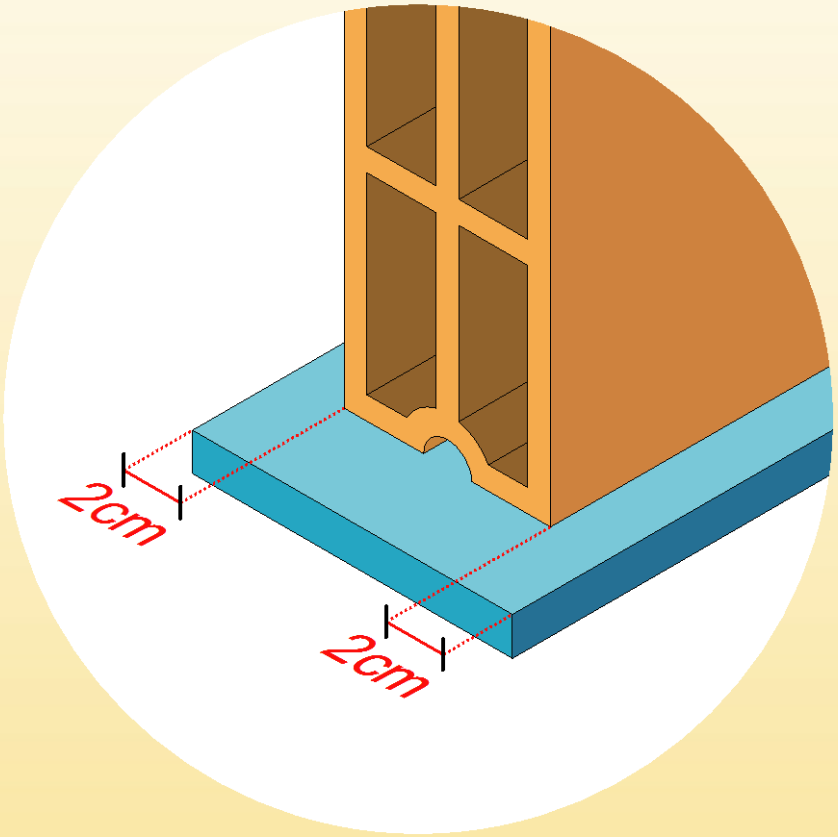
1)	Preparation and setting-out on site
2)	Placement of elastic bands in the base of the wall
3)	Building of the walls
4)	Placement of the elastic bands at the top of the wall
5)	Union with the facades, pillars and interior walls
6)	Placement of the facilities in the walls
7)	Wall and ceiling cladding
8)	Floor covering

Whether the wall has or has no elastic bands on the base, the line of the horizontal setting-out will be done by marking the width of the wall without consider the claddings of the walls

The width of the elastic band must be greater or equal to the width of the wall without cladding, ensuring at all times that the brick is not going to contact the constructive elements of which we want to be disconnected

We recommended that the width of the elastic band is 4 cm greater than the width of the brick. In this way, the elastic band must overhang approximately 2 cm to each side of the wall.

Only in the large format hollow brick, because of less formation of burrs during the building of the wall, it is possible to use elastic bands of the same width of the brick.



05. Constructive process and new publications by Hispalyt
05. 1 Silensis walls constructive process

1)	Preparation and setting-out on site
2)	Placement of elastic bands in the base of the wall
3)	Building of the walls
4)	Placement of the elastic bands at the top of the wall
5)	Union with the facades, pillars and interior walls
6)	Placement of the facilities in the walls
7)	Wall and ceiling cladding
8)	Floor covering

FIXING OF THE ELASTIC BANDS

The elastic bands are stuck to the floor structure, pillars and facades, with plaster, glue-plaster or other materials that ensure good adherence of the elastic band to the constructive elements. Generally the elastic bands are attached to other constructive elements:

- With glue-plaster in the walls of large format hollow brick.
- With plaster in the walls of small format hollow bricks

PLACEMENT IN ALL THE PERIMETER

Before building the wall it is necessary to place the elastic bands:

- On the base (In the union of the wall with the lower floor structure)
- On the sides(In the union of the wall with the facades, pillars, etc.)

05. Constructive process and new publications by Hispalyt
05. 1 Silensis walls constructive process

1)	Preparation and setting-out on site
2)	Placement of elastic bands in the base of the wall
3)	Building of the walls
4)	Placement of the elastic bands at the top of the wall
5)	Union with the facades, pillars and interior walls
6)	Placement of the facilities in the walls
7)	Wall and ceiling cladding
8)	Floor covering

FIXING OF THE ELASTIC BANDS

The elastic bands are stuck to the floor structure, pillars and facades, with plaster, glue-plaster or other materials that ensure good adherence of the elastic band to the constructive elements. Generally the elastic bands are attached to other constructive elements:

- With glue-plaster in the walls of large format hollow brick.
- With plaster in the walls of small format hollow bricks

-PLACEMENT IN ALL THE PERIMETER

-Before building the wall it is necessary to place the elastic bands:

-- On the base (In the union of the wall with the lower floor structure)

- On the sides(In the union of the wall with the facades, pillars, etc.)

05. Constructive process and new publications by Hispalyt
05. 1 Silensis walls constructive process

1)	Preparation and setting-out on site
2)	Placement of elastic bands in the base of the wall
3)	Building of the walls
4)	Placement of the elastic bands at the top of the wall
5)	Union with the facades, pillars and interior walls
6)	Placement of the facilities in the walls
7)	Wall and ceiling cladding
8)	Floor covering

FIXING OF THE ELASTIC BANDS

The elastic bands are stuck to the floor structure, pillars and facades, with plaster, glue-plaster or other materials that ensure good adherence of the elastic band to the constructive elements. Generally the elastic bands are attached to other constructive elements:

- With glue-plaster in the walls of large format hollow brick.
- With plaster in the walls of small format hollow bricks

-PLACEMENT IN ALL THE PERIMETER

-Before building the wall it is necessary to place the elastic bands:

-- On the base (In the union of the wall with the lower floor structure)

- On the sides(In the union of the wall with the facades, pillars, etc.)

05. Constructive process and new publications by Hispalyt

05. 1 Silensis walls constructive process

1)	Preparation and setting-out on site
2)	Placement of elastic bands in the base of the wall
3)	Building of the walls
4)	Placement of the elastic bands at the top of the wall
5)	Union with the facades, pillars and interior walls
6)	Placement of the facilities in the walls
7)	Wall and ceiling cladding
8)	Floor covering

FIXING OF THE ELASTIC BANDS

The elastic bands are stuck to the floor structure, pillars and facades, with plaster, glue-plaster or other materials that ensure good adherence of the elastic band to the constructive elements. Generally the elastic bands are attached to other constructive elements:

- With glue-plaster in the walls of large format hollow brick.
- With plaster in the walls of small format hollow bricks

-**PLACEMENT IN ALL THE PERIMETER**

-Before building the wall it is necessary to place the elastic bands:

-- On the base (In the union of the wall with the lower floor structure)

- On the sides(In the union of the wall with the facades, pillars, etc.)

05. Constructive process and new publications by Hispalyt
05. 1 Silensis walls constructive process

1) Preparation and setting-out on site
2) Placement of elastic bands in the base of the wall
3) Building of the walls
4) Placement of the elastic bands at the top of the wall
5) Union with the facades, pillars and interior walls
6) Placement of the facilities in the walls
7) Wall and ceiling cladding
8) Floor covering

PLACEMENT OF THE GUIDES

The placement of the guides must be done by crushing or breaking the elastic band where the guide is going to be placed.

Contact of the brick with the floor structure will be avoided at all times.

LAYING OUT THE FIRST ROW OF BRICKS IN THE WALL

The first row of bricks in the walls of small format hollow bricks must be built employing plaster, glue plaster or another material that ensures a good adherence of the elastic band to the bricks.

CLEANING OF BURRS

In partition walls and interior walls with elastic bands, it is necessary to clean the burrs and rests of bonding material that have fallen and are connecting the elastic bands with the floor structure.

05. Constructive process and new publications by Hispalyt

05. 1 Silensis walls constructive process

1) Preparation and setting-out on site
2) Placement of elastic bands in the base of the wall
3) Building of the walls
4) Placement of the elastic bands at the top of the wall
5) Union with the facades, pillars and interior walls
6) Placement of the facilities in the walls
7) Wall and ceiling cladding
8) Floor covering

PLACEMENT OF THE GUIDES

The placement of the guides must be done by crushing or breaking the elastic band where the guide is going to be placed.

Contact of the brick with the floor structure will be avoided at all times.

LAYING OUT THE FIRST ROW OF BRICKS IN THE WALL

The first row of bricks in the walls of small format hollow bricks must be built employing plaster, glue plaster or another material that ensures a good adherence of the elastic band to the bricks.

CLEANING OF BURRS

In partition walls and interior walls with elastic bands, it is necessary to clean the burrs and rests of bonding material that have fallen and are connecting the elastic bands with the floor structure.

05. Constructive process and new publications by Hispalyt
05. 1 Silensis walls constructive process

1)	Preparation and setting-out on site
2)	Placement of elastic bands in the base of the wall
3)	Building of the walls
4)	Placement of the elastic bands at the top of the wall
5)	Union with the facades, pillars and interior walls
6)	Placement of the facilities in the walls
7)	Wall and ceiling cladding
8)	Floor covering

PLACEMENT OF THE GUIDES
The placement of the guides must be done by crushing or breaking the elastic band where the guide is going to be placed.
Contact of the brick with the floor structure will be avoided at all times.

LAYING OUT THE FIRST ROW OF BRICKS IN THE WALL
The first row of bricks in the walls of small format hollow bricks must be built employing plaster, glue plaster or another material that ensures a good adherence of the elastic band to the bricks.

CLEANING OF BURRS
In partition walls and interior walls with elastic bands, it is necessary to clean the burrs and rests of bonding material that have fallen and are connecting the elastic bands with the floor structure.

05. Constructive process and new publications by Hispalyt

05. 1 Silensis walls constructive process

1)	Preparation and setting-out on site
2)	Placement of elastic bands in the base of the wall
3)	Building of the walls
4)	Placement of the elastic bands at the top of the wall
5)	Union with the facades, pillars and interior walls
6)	Placement of the facilities in the walls
7)	Wall and ceiling cladding
8)	Floor covering

PLACEMENT OF THE GUIDES

The placement of the guides must be done by crushing or breaking the elastic band where the guide is going to be placed.

Contact of the brick with the floor structure will be avoided at all times.

LAYING OUT THE FIRST ROW OF BRICKS IN THE WALL

The first row of bricks in the walls of small format hollow bricks must be built employing plaster, glue plaster or another material that ensures a good adherence of the elastic band to the bricks.

CLEANING OF BURRS

In partition walls and interior walls with elastic bands, it is necessary to clean the burrs and rests of bonding material that have fallen and are connecting the elastic bands with the floor structure.

05. Constructive process and new publications by Hispalyt
05. 1 Silensis walls constructive process

1)	Preparation and setting-out on site
2)	Placement of elastic bands in the base of the wall
3)	Building of the walls
4)	Placement of the elastic bands at the top of the wall
5)	Union with the facades, pillars and interior walls
6)	Placement of the facilities in the walls
7)	Wall and ceiling cladding
8)	Floor covering

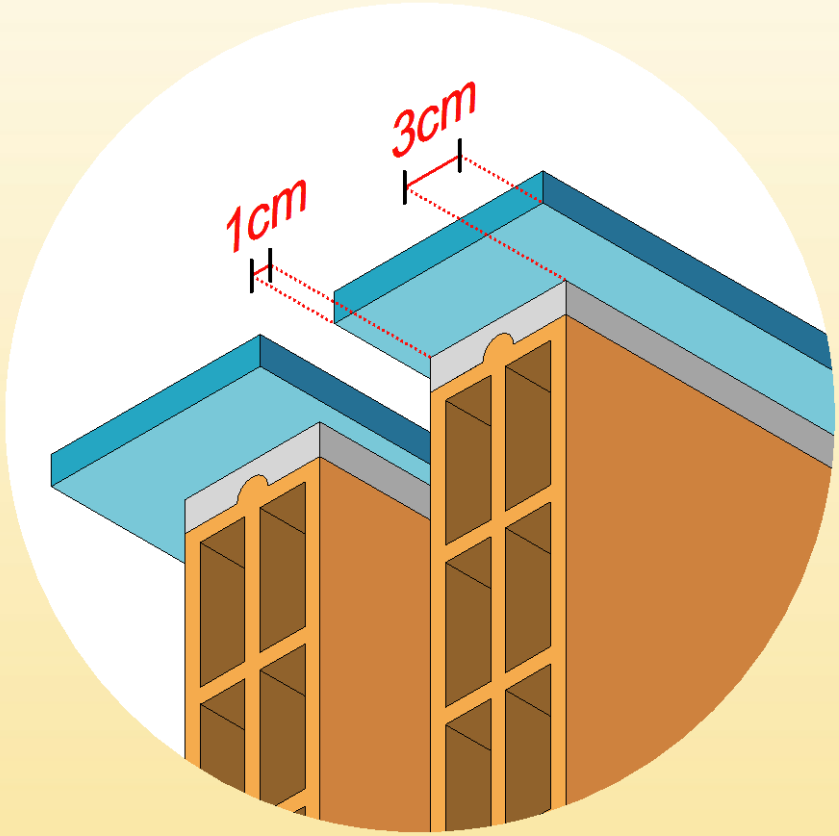
SETTING-OUT

In the solutions Silensis 2A, 2B or 1B, the elastic band of the top of the wall will be stuck to the upper structural floor overhanging 3 cm outside the wall and 1 cm into the air chamber of the wall.

LAYING OUT OF THE WALL

The connection of the Silensis walls with perimetral elastic bands to the floor structure must be executed using plaster on the elastic band.

Once the wall has been layed out, possible traces of plaster covering the elastic band until it is visible must be eliminated



05. Constructive process and new publications by Hispalyt
05. 1 Silensis walls constructive process

1)	Preparation and setting-out on site
2)	Placement of elastic bands in the base of the wall
3)	Building of the walls
4)	Placement of the elastic bands at the top of the wall
5)	Union with the facades, pillars and interior walls
6)	Placement of the facilities in the walls
7)	Wall and ceiling cladding
8)	Floor covering

SETTING-OUT
In the solutions Silensis 2A, 2B or 1B, the elastic band of the top of the wall will be stuck to the upper structural floor overhanging 3 cm outside the wall and 1 cm into the air chamber of the wall.

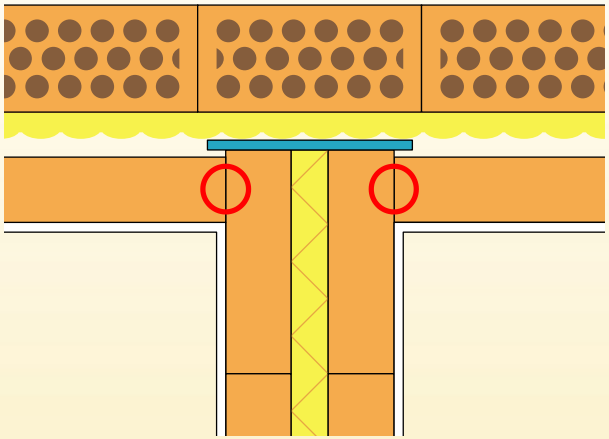
LAYING OUT OF THE WALL
The connection of the Silensis walls with perimetral elastic bands to the floor structure must be executed using plaster on the elastic band.

Once the wall has been layed out, possible traces of plaster covering the elastic band until it is visible must be eliminated

05. Constructive process and new publications by Hispalyt

05. 1 Silensis walls constructive process

1)	Preparation and setting-out on site
2)	Placement of elastic bands in the base of the wall
3)	Building of the walls
4)	Placement of the elastic bands at the top of the wall
5)	Union with the facades, pillars and interior walls
6)	Placement of the facilities in the walls
7)	Wall and ceiling cladding
8)	Floor covering



UNION OF THE SILENSIS PARTY WALLS WITH THE FACADES

The party wall must be built to join the outer wall of the facade. The inner walls of the facade are interrupted in this union with the party wall.

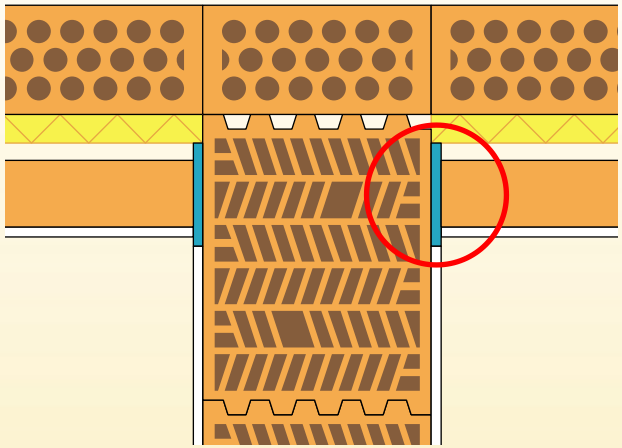
In doublesor triple walls (Silensis 2A, 2B or 1B) the union of the inner walls of the facade and the party wall must be a rigid union, and mustn't interrupt the air chamber of the party wall

In the case of the walls without elastic bands (Silensis 1A) the union of the inner walls of the facade with the party walls must be realized with elastic bands except in the case that the inner walls of the facade present a mass m>120 Kg/m2 and RA>42 dBA with certain combinations of constructive elements.

05. Constructive process and new publications by Hispalyt

05. 1 Silensis walls constructive process

1)	Preparation and setting-out on site
2)	Placement of elastic bands in the base of the wall
3)	Building of the walls
4)	Placement of the elastic bands at the top of the wall
5)	Union with the facades, pillars and interior walls
6)	Placement of the facilities in the walls
7)	Wall and ceiling cladding
8)	Floor covering



UNION OF THE SILENSIS PARTY WALLS WITH THE FACADES

The party wall must be built to join the outer wall of the facade. The inner walls of the facade are interrupted in this union with the party wall.

In double or triple walls (Silensis 2A, 2B or 1B) the union of the inner walls of the facade and the party wall must be a rigid union, and mustn't interrupt the air chamber of the party wall

In the case of the walls without elastic bands (Silensis 1A) the union of the inner walls of the facade with the party walls must be realized with elastic bands except in the case that the inner walls of the facade present a mass m>120 Kg/m2 and RA>42 dBA with certain combinations of constructive elements.

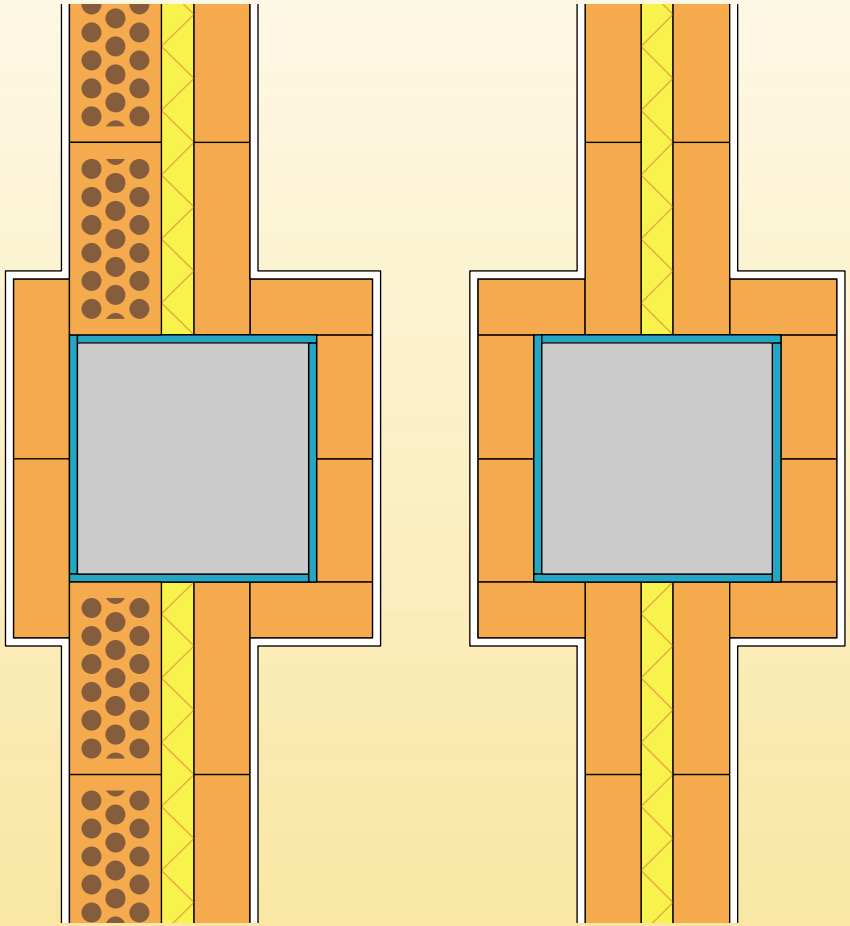
05. Constructive process and new publications by Hispalyt
05. 1 Silensis walls constructive process

1)	Preparation and setting-out on site
2)	Placement of elastic bands in the base of the wall
3)	Building of the walls
4)	Placement of the elastic bands at the top of the wall
5)	Union with the facades, pillars and interior walls
6)	Placement of the facilities in the walls
7)	Wall and ceiling cladding
8)	Floor covering

UNION OF THE SILENSIS PARTY WALLS WITH PILLARS

When a solution Silensis 2A or 2B is interrupted by a pillar, the pillar must be wrapped with the same material as the elastic band and after with the brick.

The wall of hollow brick that wraps the pillar must have elastic bands in the base and in the top



05. Constructive process and new publications by Hispalyt
05. 1 Silensis walls constructive process

1)	Preparation and setting-out on site
2)	Placement of elastic bands in the base of the wall
3)	Building of the walls
4)	Placement of the elastic bands at the top of the wall
5)	Union with the facades, pillars and interior walls
6)	Placement of the facilities in the walls
7)	Wall and ceiling cladding
8)	Floor covering

UNION OF THE SILENSIS PARTY WALLS WITH PILLARS

When a solution Silensis 2A or 2B is interrupted by a pillar, the pillar must be wrapped with the same material as the elastic band and after with the brick.

The wall of hollow brick that wraps the pillar must have elastic bands in the base and in the top

05. Constructive process and new publications by Hispalyt

05. 1 Silensis walls constructive process

1)	Preparation and setting-out on site
2)	Placement of elastic bands in the base of the wall
3)	Building of the walls
4)	Placement of the elastic bands at the top of the wall
5)	Union with the facades, pillars and interior walls
6)	Placement of the facilities in the walls
7)	Wall and ceiling cladding
8)	Floor covering

UNION OF THE SILENSIS PARTY WALLS WITH PILLARS
When a solution Silensis 2A or 2B is interrupted by a pillar, the pillar must be wrapped with the same material as the elastic band and after with the brick.

The wall of hollow brick that wraps the pillar must have elastic bands in the base and in the top

05. Constructive process and new publications by Hispalyt
05. 1 Silensis walls constructive process

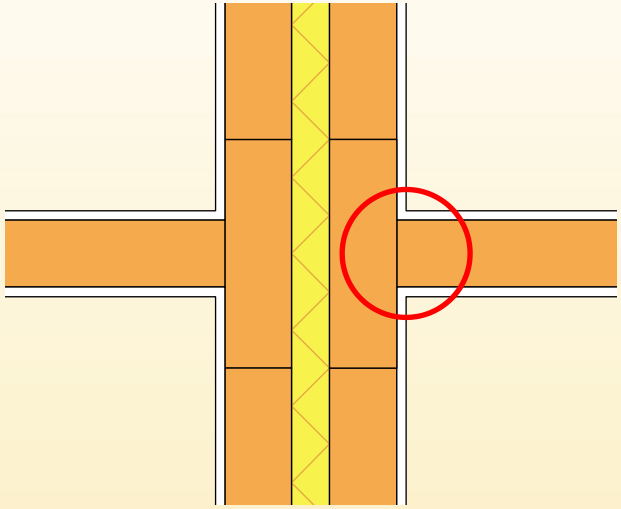
1)	Preparation and setting-out on site
2)	Placement of elastic bands in the base of the wall
3)	Building of the walls
4)	Placement of the elastic bands at the top of the wall
5)	Union with the facades, pillars and interior walls
6)	Placement of the facilities in the walls
7)	Wall and ceiling cladding
8)	Floor covering

UNION OF THE PARTY WALLS WITH INTERIOR WALLS

The interior walls are interrupted in the union with the party wall.

In double and triple Silensis Solutions, the union between the party wall and the interior walls must be a rigid union, without interrupting the air chamber of the wall.

In the Silensis 1A one wall solutions, the union of the interior walls with the party walls must be done with elastic bands except in the case that the interior walls present a mass m>120 Kg/m2 and RA>42 dBA with certain combinations of constructive elements.



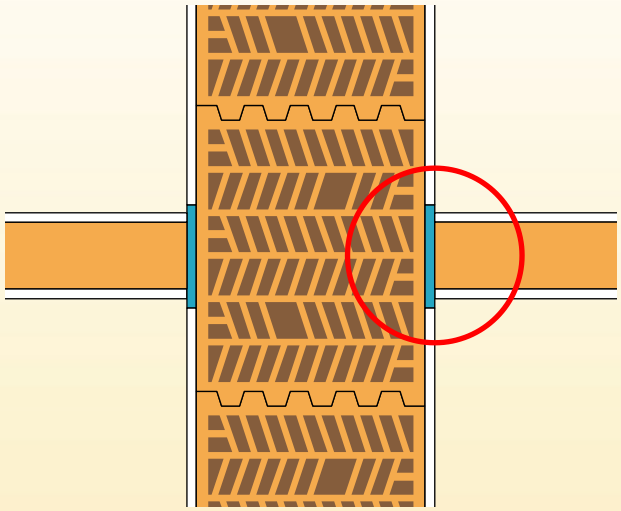
05. Constructive process and new publications by Hispalyt
05. 1 Silensis walls constructive process

1)	Preparation and setting-out on site
2)	Placement of elastic bands in the base of the wall
3)	Building of the walls
4)	Placement of the elastic bands at the top of the wall
5)	Union with the facades, pillars and interior walls
6)	Placement of the facilities in the walls
7)	Wall and ceiling cladding
8)	Floor covering

UNION OF THE PARTY WALLS WITH INTERIOR WALLS
The interior walls are interrupted in the union with the party wall.

In double and triple Silensis Solutions, the union between the party wall and the interior walls must be a rigid union, without interrupting the air chamber of the wall.

In the Silensis 1A one wall solutions, the union of the interior walls with the party walls must be done with elastic bands except in the case that the interior walls present a mass m>120 Kg/m2 and RA>42 dBA with certain combinations of constructive elements.



05. Constructive process and new publications by Hispalyt
05. 1 Silensis walls constructive process

1)	Preparation and setting-out on site
2)	Placement of elastic bands in the base of the wall
3)	Building of the walls
4)	Placement of the elastic bands at the top of the wall
5)	Union with the facades, pillars and interior walls
6)	Placement of the facilities in the walls
7)	Wall and ceiling cladding
8)	Floor covering

AVOID TRANSMISSIONS CAUSED BY CONNECTIONS WITH THE MORTAR OR OTHER BONDING MATERIALS

The grooves on the walls to place facilities should be sealed properly with plaster or mortar, as appropriate.

On the walls with elastic bands we must avoid the union of the party wall with the upper and lower floor structures, caused by the bonding material employed for the sealing of the slots made to place the facilities in the walls.

05. Constructive process and new publications by Hispalyt
05. 1 Silensis walls constructive process

1)	Preparation and setting-out on site
2)	Placement of elastic bands in the base of the wall
3)	Building of the walls
4)	Placement of the elastic bands at the top of the wall
5)	Union with the facades, pillars and interior walls
6)	Placement of the facilities in the walls
7)	Wall and ceiling cladding
8)	Floor covering

AVOID TRANSMISSIONS CAUSED BY CONNECTIONS WITH THE MORTAR OR OTHER BONDING MATERIALS

The grooves on the walls to place facilities should be sealed properly with plaster or mortar, as appropriate.

On the walls with elastic bands we must avoid the union of the party wall with the upper and lower floor structures, caused by the bonding material employed for the sealing of the slots made to place the facilities in the walls.

05. Constructive process and new publications by Hispalyt
05. 1 Silensis walls constructive process

1)	Preparation and setting-out on site
2)	Placement of elastic bands in the base of the wall
3)	Building of the walls
4)	Placement of the elastic bands at the top of the wall
5)	Union with the facades, pillars and interior walls
6)	Placement of the facilities in the walls
7)	Wall and ceiling cladding
8)	Floor covering

AVOID TRANSMISSIONS CAUSED BY CONNECTIONS WITH THE MORTAR OR OTHER BONDING MATERIALS

The grooves on the walls to place facilities should be sealed properly with plaster or mortar, as appropriate.

On the walls with elastic bands we must avoid the union of the party wall with the upper and lower floor structures, caused by the bonding material employed for the sealing of the slots made to place the facilities in the walls.

05. Constructive process and new publications by Hispalyt
05. 1 Silensis walls constructive process

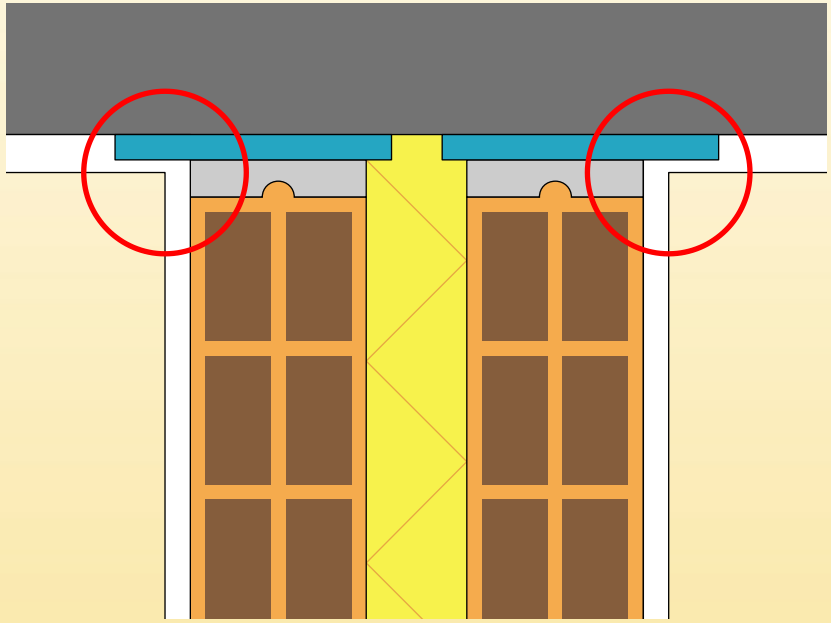
1)	Preparation and setting-out on site
2)	Placement of elastic bands in the base of the wall
3)	Building of the walls
4)	Placement of the elastic bands at the top of the wall
5)	Union with the facades, pillars and interior walls
6)	Placement of the facilities in the walls
7)	Wall and ceiling cladding
8)	Floor covering

DISCONNECTING THE PLASTER BETWEEN THE PARTY WALL AND THE CEILING

In the Silensis solutions with perimeter elastic bands, Silensis 2A and 2B, we must avoid contact between the plaster of the party wall and the plaster of the floor structure, avoiding the acoustic structural bridge.

In the Silensis 2B solutions it is only necessary to disconnect the plaster in the wall with elastic bands, in the wall without elastic bands we must apply the plaster traditionally.

The disconnection can be made:
1) Cutting the plaster with the trowel
2) Keeping the disconnection during application with the elastic band



05. Constructive process and new publications by Hispalyt
05. 1 Silensis walls constructive process

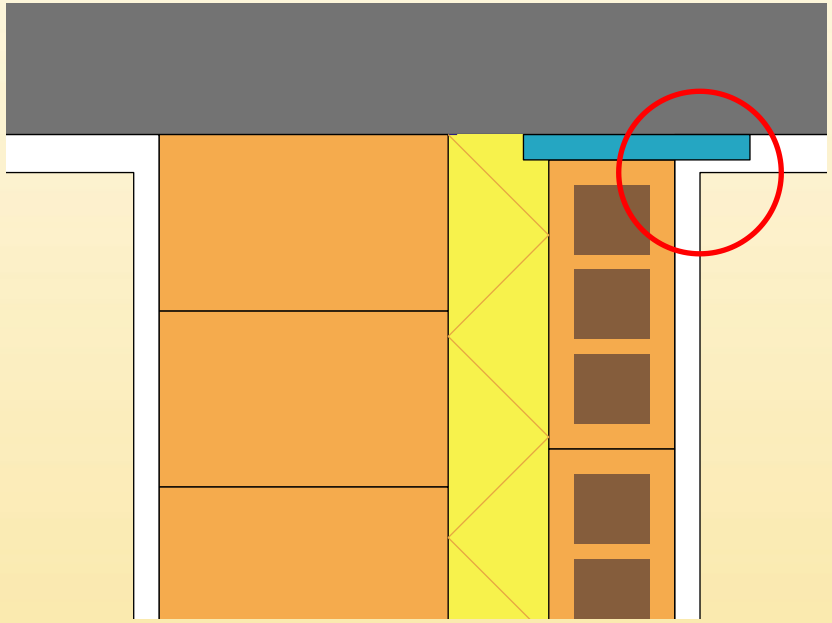
1)	Preparation and setting-out on site
2)	Placement of elastic bands in the base of the wall
3)	Building of the walls
4)	Placement of the elastic bands at the top of the wall
5)	Union with the facades, pillars and interior walls
6)	Placement of the facilities in the walls
7)	Wall and ceiling cladding
8)	Floor covering

DISCONNECTING THE PLASTER BETWEEN THE PARTY WALL AND THE CEILING

In the Silensis solutions with perimeter elastic bands, Silensis 2A and 2B, we must avoid contact between the plaster of the party wall and the plaster of the floor structure, avoiding the acoustic structural bridge.

In the Silensis 2B solutions it is only necessary to disconnect the plaster in the wall with elastic bands, in the wall without elastic bands we must apply the plaster traditionally.

The disconnection can be made:
1) Cutting the plaster with the trowel
2) Keeping the disconnection during application with the elastic band



05. Constructive process and new publications by Hispalyt
05. 1 Silensis walls constructive process

1)	Preparation and setting-out on site
2)	Placement of elastic bands in the base of the wall
3)	Building of the walls
4)	Placement of the elastic bands at the top of the wall
5)	Union with the facades, pillars and interior walls
6)	Placement of the facilities in the walls
7)	Wall and ceiling cladding
8)	Floor covering

DISCONNECTING THE PLASTER BETWEEN THE PARTY WALL AND THE CEILING

In the Silensis solutions with perimeter elastic bands, Silensis 2A and 2B, we must avoid contact between the plaster of the party wall and the plaster of the floor structure, avoiding the acoustic structural bridge.

In the Silensis 2B solutions it is only necessary to disconnect the plaster in the wall with elastic bands, in the wall without elastic bands we must apply the plaster traditionally.

The disconnection can be made:
1) Cutting the plaster with the trowel
2) Keeping the disconnection during application with the elastic band

05. Constructive process and new publications by Hispalyt
05. 1 Silensis walls constructive process

1)	Preparation and setting-out on site
2)	Placement of elastic bands in the base of the wall
3)	Building of the walls
4)	Placement of the elastic bands at the top of the wall
5)	Union with the facades, pillars and interior walls
6)	Placement of the facilities in the walls
7)	Wall and ceiling cladding
8)	Floor covering

DISCONNECTING THE PLASTER BETWEEN THE PARTY WALL AND THE CEILING

In the Silensis solutions with perimeter elastic bands, Silensis 2A and 2B, we must avoid contact between the plaster of the party wall and the plaster of the floor structure, avoiding the acoustic structural bridge.

In the Silensis 2B solutions it is only necessary to disconnect the plaster in the wall with elastic bands, in the wall without elastic bands we must apply the plaster traditionally.

The disconnection can be made:
1) Cutting the plaster with the trowel
2) Keeping the disconnection during application with the elastic band

05. Constructive process and new publications by Hispalyt
05. 1 Silensis walls constructive process

1)	Preparation and setting-out on site
2)	Placement of elastic bands in the base of the wall
3)	Building of the walls
4)	Placement of the elastic bands at the top of the wall
5)	Union with the facades, pillars and interior walls
6)	Placement of the facilities in the walls
7)	Wall and ceiling cladding
8)	Floor covering

DISCONNECTING THE PLASTER BETWEEN THE PARTY WALL AND THE CEILING

1) Cutting the plaster with a trowel

After applying the plaster to the wall and ceiling, leaning the trowel on the wall, cut the plaster of the ceiling up vertically until it meets the elastic band.

Finally, a band of paper is placed covering the cut.

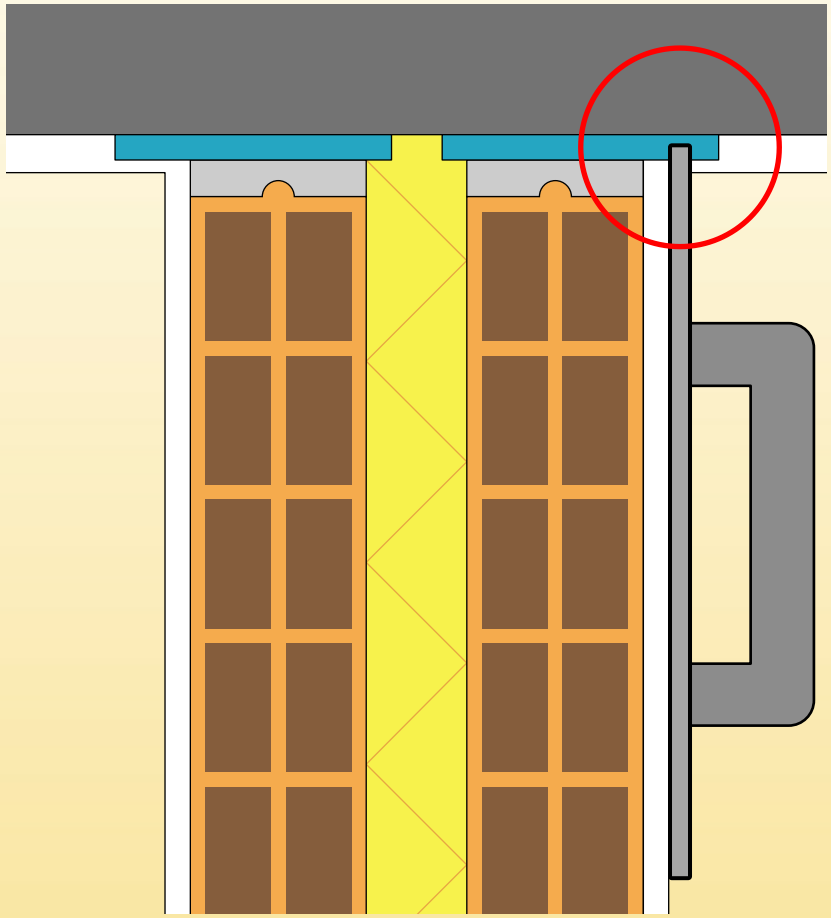
2) Keeping the disconnection during application with the elastic band

The disconnection between the two plaster sis maintained during all the application with the elastic band.

Wall plaster is applied against the elastic band.

Ceiling plaster is applied against the elastic band.

Finally, a band of paper is placed covering the elastic band.



05. Constructive process and new publications by Hispalyt
05. 1 Silensis walls constructive process

1)	Preparation and setting-out on site
2)	Placement of elastic bands in the base of the wall
3)	Building of the walls
4)	Placement of the elastic bands at the top of the wall
5)	Union with the facades, pillars and interior walls
6)	Placement of the facilities in the walls
7)	Wall and ceiling cladding
8)	Floor covering

DISCONNECTING THE PLASTER BETWEEN THE PARTY WALL AND THE CEILING

1) Cutting the plaster with a trowel

After applying the plaster to the wall and ceiling, leaning the trowel on the wall, cut the plaster of the ceiling up vertically until it meets the elastic band.

Finally, a band of paper is placed covering the cut.

2) Keeping the disconnection during application with the elastic band

The disconnection between the two plaster sis maintained during all the application with the elastic band.

Wall plaster is applied against the elastic band.

Ceiling plaster is applied against the elastic band.

Finally, a band of paper is placed covering the elastic band.

05. Constructive process and new publications by Hispalyt
05. 1 Silensis walls constructive process

1)	Preparation and setting-out on site
2)	Placement of elastic bands in the base of the wall
3)	Building of the walls
4)	Placement of the elastic bands at the top of the wall
5)	Union with the facades, pillars and interior walls
6)	Placement of the facilities in the walls
7)	Wall and ceiling cladding
8)	Floor covering

DISCONNECTING THE PLASTER BETWEEN THE PARTY WALL AND THE CEILING

1) Cutting the plaster with a trowel

After applying the plaster to the wall and ceiling, leaning the trowel on the wall, cut the plaster of the ceiling up vertically until it meets the elastic band.

Finally, a band of paper is placed covering the cut.

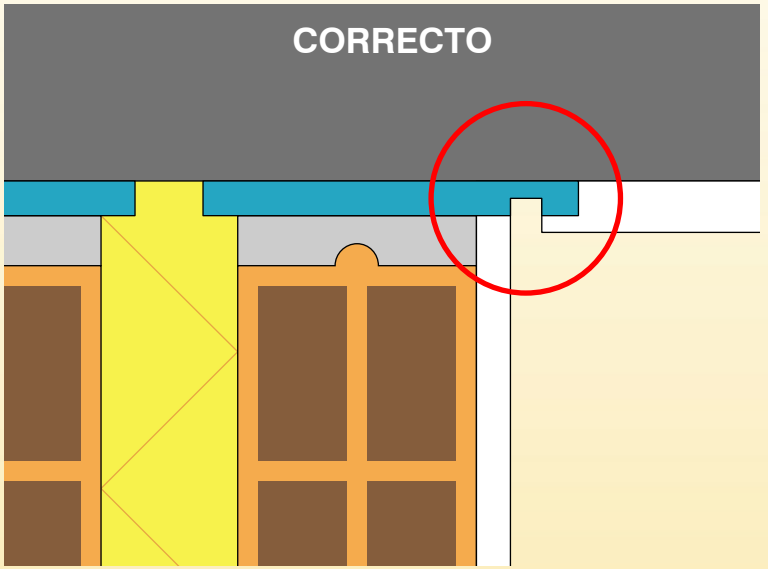
2) Keeping the disconnection during application with the elastic band

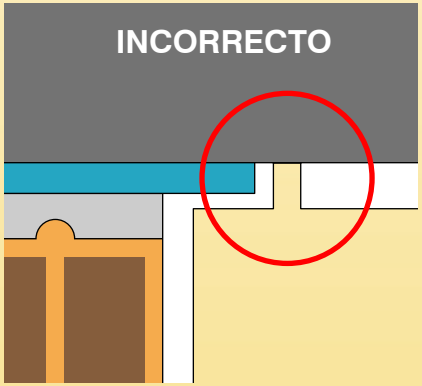
The disconnection between the two plaster sis maintained during all the application with the elastic band.

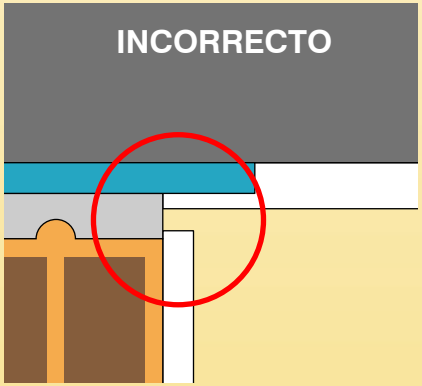
Wall plaster is applied against the elastic band.

Ceiling plaster is applied against the elastic band.

Finally, a band of paper is placed covering the elastic band.







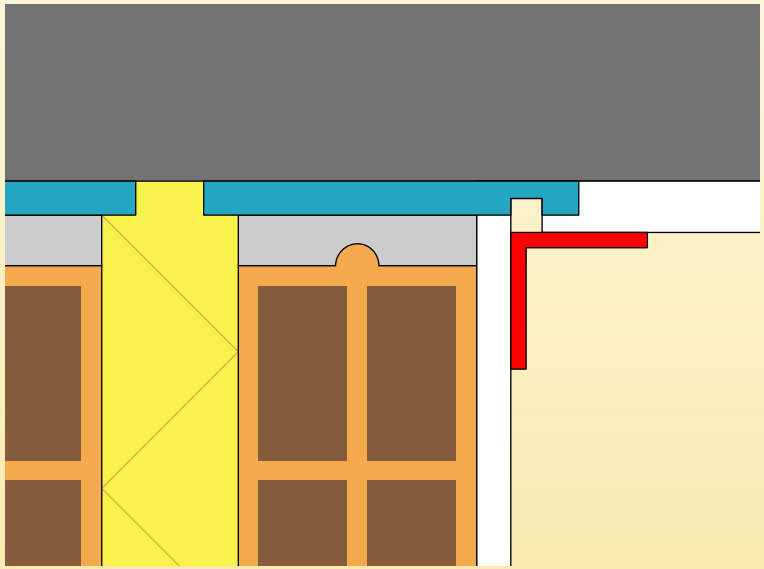
05. Constructive process and new publications by Hispalyt
05. 1 Silensis walls constructive process

1)	Preparation and setting-out on site
2)	Placement of elastic bands in the base of the wall
3)	Building of the walls
4)	Placement of the elastic bands at the top of the wall
5)	Union with the facades, pillars and interior walls
6)	Placement of the facilities in the walls
7)	Wall and ceiling cladding
8)	Floor covering

DISCONNECTING THE PLASTER BETWEEN THE PARTY WALL AND THE CEILING

1) Cutting the plaster with a trowel
After applying the plaster to the wall and ceiling, leaning the trowel on the wall, cut the plaster of the ceiling up vertically until it meets the elastic band.
Finally, a band of paper is placed covering the cut.

2) Keeping the disconnection during application with the elastic band
The disconnection between the two plaster sis maintained during all the application with the elastic band.
Wall plaster is applied against the elastic band.
Ceiling plaster is applied against the elastic band.
Finally, a band of paper is placed covering the elastic band.



05. Constructive process and new publications by Hispalyt
05. 1 Silensis walls constructive process

1)	Preparation and setting-out on site
2)	Placement of elastic bands in the base of the wall
3)	Building of the walls
4)	Placement of the elastic bands at the top of the wall
5)	Union with the facades, pillars and interior walls
6)	Placement of the facilities in the walls
7)	Wall and ceiling cladding
8)	Floor covering

DISCONNECTING THE PLASTER BETWEEN THE PARTY WALL AND THE CEILING

1) Cutting the plaster with a trowel
After applying the plaster to the wall and ceiling, leaning the trowel on the wall, cut the plaster of the ceiling up vertically until it meets the elastic band.
Finally, a band of paper is placed covering the cut.

2) Keeping the disconnection during application with the elastic band
The disconnection between the two plaster sis maintained during all the application with the elastic band.
Wall plaster is applied against the elastic band.
Ceiling plaster is applied against the elastic band.
Finally, a band of paper is placed covering the elastic band.

05. Constructive process and new publications by Hispalyt
05. 1 Silensis walls constructive process

1)	Preparation and setting-out on site
2)	Placement of elastic bands in the base of the wall
3)	Building of the walls
4)	Placement of the elastic bands at the top of the wall
5)	Union with the facades, pillars and interior walls
6)	Placement of the facilities in the walls
7)	Wall and ceiling cladding
8)	Floor covering

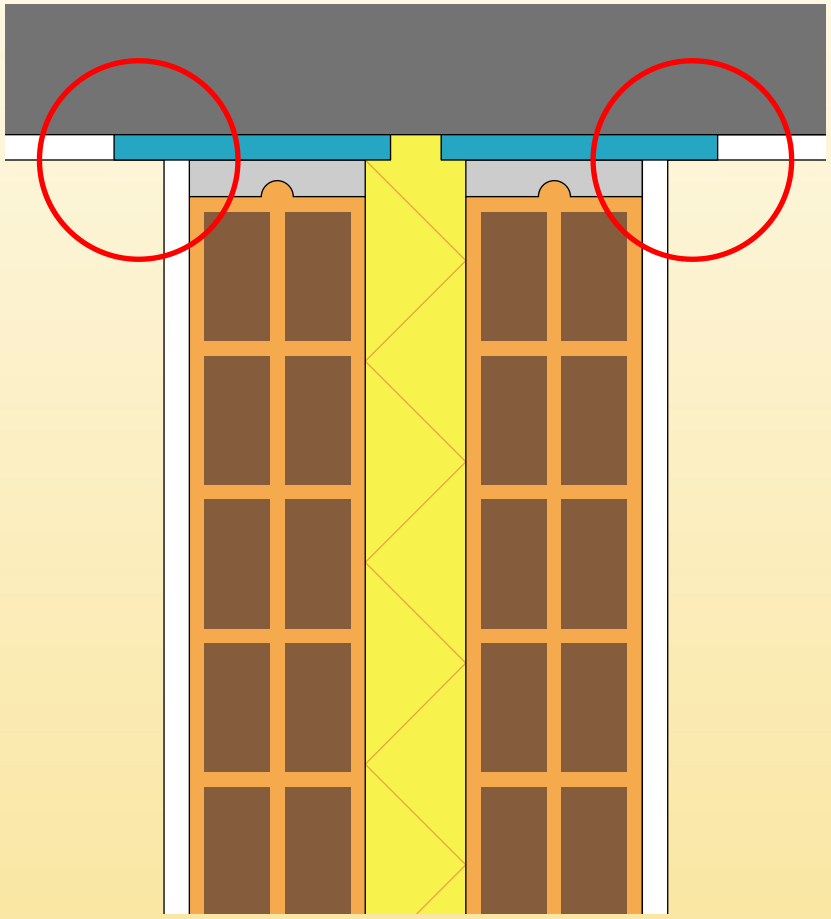
DISCONNECTING THE PLASTER BETWEEN THE PARTY WALL AND THE CEILING

1) Cutting the plaster with a trowel

After applying the plaster to the wall and ceiling, leaning the trowel on the wall, cut the plaster of the ceiling up vertically until it meets the elastic band.
Finally, a band of paper is placed covering the cut.

2) Keeping the disconnection during application with the elastic band

The disconnection between the two plaster sis maintained during all the application with the elastic band.
Wall plaster is applied against the elastic band.
Ceiling plaster is applied against the elastic band.
Finally, a band of paper is placed covering the elastic band.



05. Constructive process and new publications by Hispalyt
05. 1 Silensis walls constructive process

1)	Preparation and setting-out on site
2)	Placement of elastic bands in the base of the wall
3)	Building of the walls
4)	Placement of the elastic bands at the top of the wall
5)	Union with the facades, pillars and interior walls
6)	Placement of the facilities in the walls
7)	Wall and ceiling cladding
8)	Floor covering

DISCONNECTING THE PLASTER BETWEEN THE PARTY WALL AND THE CEILING

1) Cutting the plaster with a trowel
After applying the plaster to the wall and ceiling, leaning the trowel on the wall, cut the plaster of the ceiling up vertically until it meets the elastic band.
Finally, a band of paper is placed covering the cut.

2) Keeping the disconnection during application with the elastic band
The disconnection between the two plaster sis maintained during all the application with the elastic band.
Wall plaster is applied against the elastic band.
Ceiling plaster is applied against the elastic band.
Finally, a band of paper is placed covering the elastic band.

05. Constructive process and new publications by Hispalyt
05. 1 Silensis walls constructive process

1)	Preparation and setting-out on site
2)	Placement of elastic bands in the base of the wall
3)	Building of the walls
4)	Placement of the elastic bands at the top of the wall
5)	Union with the facades, pillars and interior walls
6)	Placement of the facilities in the walls
7)	Wall and ceiling cladding
8)	Floor covering

DISCONNECTING THE PLASTER BETWEEN THE PARTY WALL AND THE CEILING

1) Cutting the plaster with a trowel
After applying the plaster to the wall and ceiling, leaning the trowel on the wall, cut the plaster of the ceiling up vertically until it meets the elastic band.
Finally, a band of paper is placed covering the cut.

2) Keeping the disconnection during application with the elastic band
The disconnection between the two plaster sis maintained during all the application with the elastic band.
Wall plaster is applied against the elastic band.
Ceiling plaster is applied against the elastic band.
Finally, a band of paper is placed covering the elastic band.

05. Constructive process and new publications by Hispalyt
05. 1 Silensis walls constructive process

1)	Preparation and setting-out on site
2)	Placement of elastic bands in the base of the wall
3)	Building of the walls
4)	Placement of the elastic bands at the top of the wall
5)	Union with the facades, pillars and interior walls
6)	Placement of the facilities in the walls
7)	Wall and ceiling cladding
8)	Floor covering

DISCONNECTING THE PLASTER BETWEEN THE PARTY WALL AND THE CEILING

1) Cutting the plaster with a trowel
After applying the plaster to the wall and ceiling, leaning the trowel on the wall, cut the plaster of the ceiling up vertically until it meets the elastic band.
Finally, a band of paper is placed covering the cut.

2) Keeping the disconnection during application with the elastic band
The disconnection between the two plaster sis maintained during all the application with the elastic band.
Wall plaster is applied against the elastic band.
Ceiling plaster is applied against the elastic band.
Finally, a band of paper is placed covering the elastic band.

05. Constructive process and new publications by Hispalyt

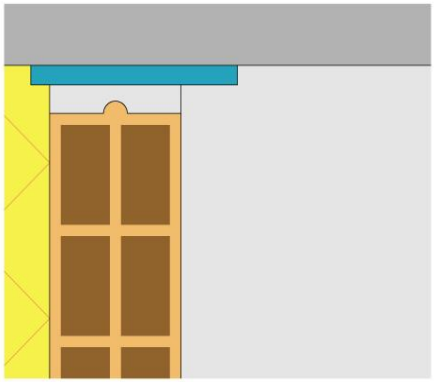
05. 1 Silensis walls constructive process

1)	Preparation and setting-out on site
2)	Placement of elastic bands in the base of the wall
3)	Building of the walls
4)	Placement of the elastic bands at the top of the wall
5)	Union with the facades, pillars and interior walls
6)	Placement of the facilities in the walls
7)	Wall and ceiling cladding
8)	Floor covering

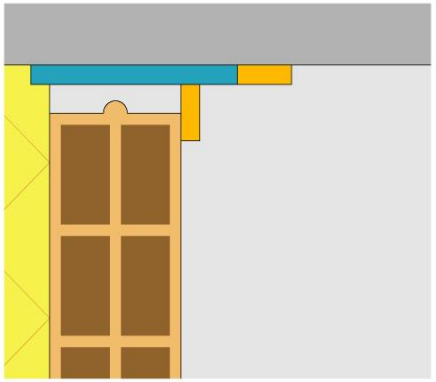
DISCONNECTING THE PLASTER BETWEEN THE PARTY WALL AND THE CEILING

If the coating of plaster applied is screeded, to make the plaster screed in the union of the party wall with the upper floor structure, it is necessary to make two plaster screeds, one in the upper floor structure, and another in the party wall.

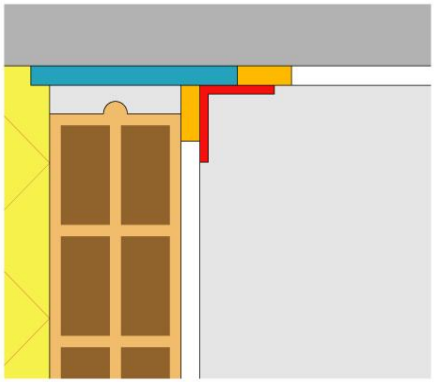
1- Fábrica sin enlucir



2- Ejecución de maestras



3- Enlucido de pared y techo + cinta



05. Constructive process and new publications by Hispalyt

05. 1 Silensis walls constructive process

1)	Preparation and setting-out on site
2)	Placement of elastic bands in the base of the wall
3)	Building of the walls
4)	Placement of the elastic bands at the top of the wall
5)	Union with the facades, pillars and interior walls
6)	Placement of the facilities in the walls
7)	Wall and ceiling cladding
8)	Floor covering

PLACEMENT OF MOLDINGS

If moldings are placed, they must be placed stuck only to the ceiling.

Before placing the molding it is necessary to place the band of paper.

05. Constructive process and new publications by Hispalyt
05. 1 Silensis walls constructive process

1)	Preparation and setting-out on site
2)	Placement of elastic bands in the base of the wall
3)	Building of the walls
4)	Placement of the elastic bands at the top of the wall
5)	Union with the facades, pillars and interior walls
6)	Placement of the facilities in the walls
7)	Wall and ceiling cladding
8)	Floor covering

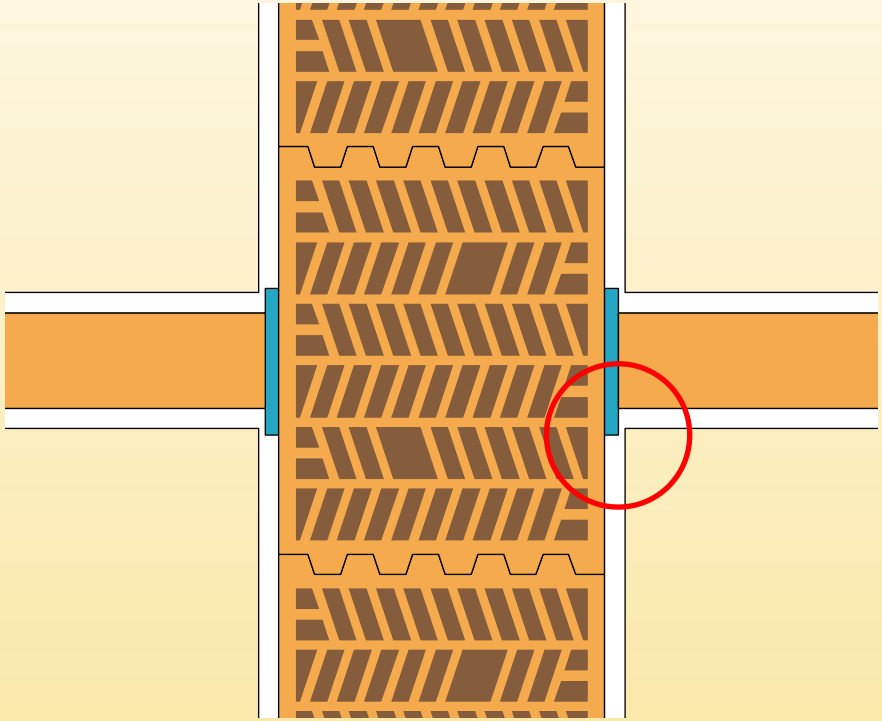
DISCONNECTING THE PLASTER BETWEEN WALLS

In the simple walls Silensis 1A, when we place elastic bands in the union between the party wall and the interior walls or inner walls of the facade, we must avoid contact between the plaster of the party wall and the plaster of the interior walls or inner walls of the facade.

The disconnection can be made:

1) Cutting plaster with a trowel.

2) Keeping the disconnection with the elastic band during the application of plastering.



05. Constructive process and new publications by Hispalyt
05. 1 Silensis walls constructive process

1)	Preparation and setting-out on site
2)	Placement of elastic bands in the base of the wall
3)	Building of the walls
4)	Placement of the elastic bands at the top of the wall
5)	Union with the facades, pillars and interior walls
6)	Placement of the facilities in the walls
7)	Wall and ceiling cladding
8)	Floor covering

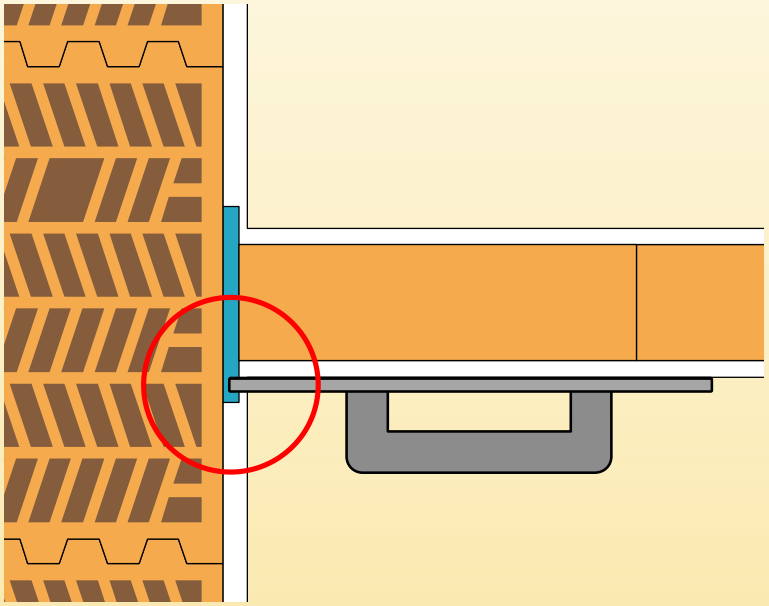
DISCONNECTING THE PLASTER BETWEEN WALLS

In the simple walls Silensis 1A, when we place elastic bands in the union between the party wall and the interior walls or inner walls of the facade, we must avoid contact between the plaster of the party wall and the plaster of the interior walls or inner walls of the facade.

The disconnection can be made:

1) Cutting plaster with a trowel.

2) Keeping the disconnection with the elastic band during the application of plastering.



05. Constructive process and new publications by Hispalyt
05. 1 Silensis walls constructive process

1)	Preparation and setting-out on site
2)	Placement of elastic bands in the base of the wall
3)	Building of the walls
4)	Placement of the elastic bands at the top of the wall
5)	Union with the facades, pillars and interior walls
6)	Placement of the facilities in the walls
7)	Wall and ceiling cladding
8)	Floor covering

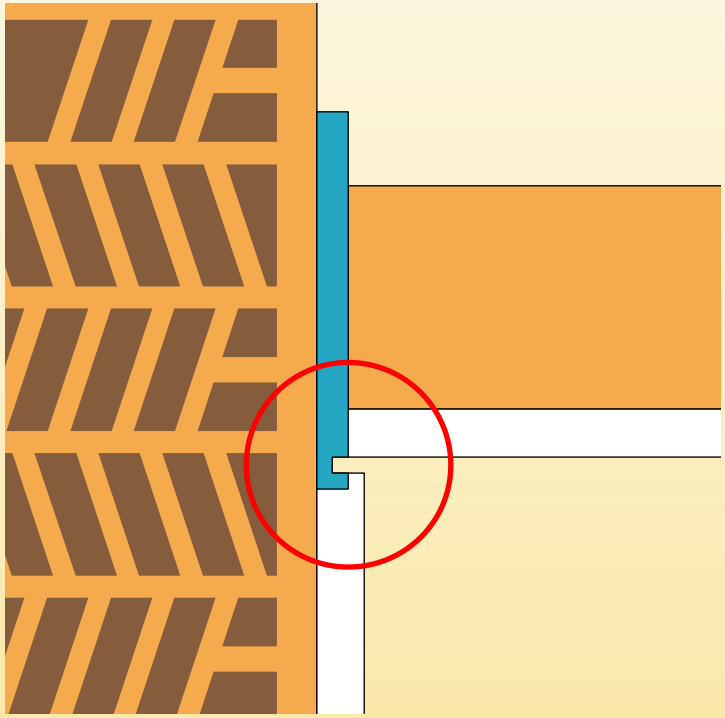
DISCONNECTION THE PLASTER BETWEEN WALLS

In the simple walls Silensis 1A, when we place elastic bands in the union between the party wall and the interior walls or inner walls of the facade, we must avoid contact between the plaster of the party wall and the plaster of the interior walls or inner walls of the facade.

The disconnection can be made:

1) Cutting plaster with a trowel.

2) Keeping the disconnection with the elastic band during the application of plastering.



05. Constructive process and new publications by Hispalyt
05. 1 Silensis walls constructive process

1)	Preparation and setting-out on site
2)	Placement of elastic bands in the base of the wall
3)	Building of the walls
4)	Placement of the elastic bands at the top of the wall
5)	Union with the facades, pillars and interior walls
6)	Placement of the facilities in the walls
7)	Wall and ceiling cladding
8)	Floor covering

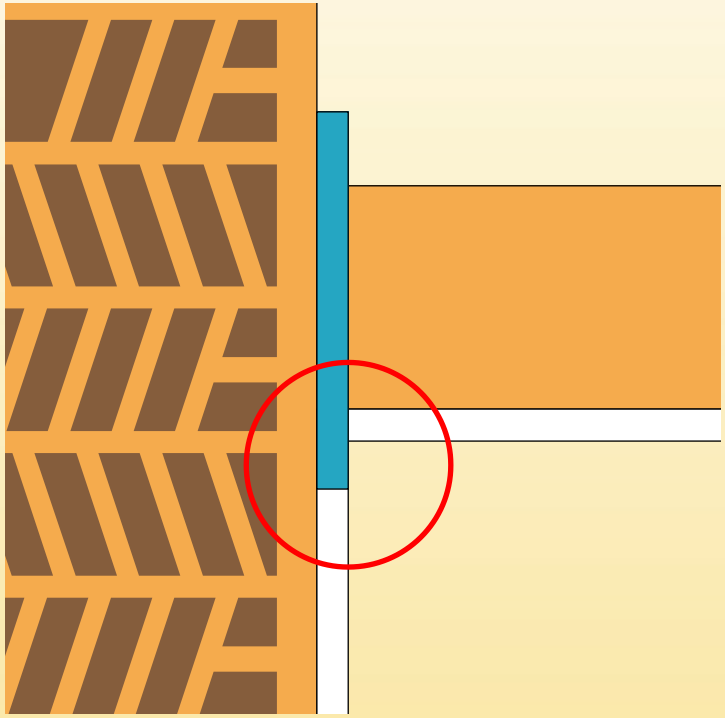
DISCONNECTION THE PLASTER BETWEEN WALLS

In the simple walls Silensis 1A, when we place elastic bands in the union between the party wall and the interior walls or inner walls of the facade, we must avoid contact between the plaster of the party wall and the plaster of the interior walls or inner walls of the facade.

The disconnection can be made:

1) Cutting plaster with a trowel.

2) Keeping the disconnection with the elastic band during the application of plastering.



05. Constructive process and new publications by Hispalyt

05. 1 Silensis walls constructive process

1)	Preparation and setting-out on site
2)	Placement of elastic bands in the base of the wall
3)	Building of the walls
4)	Placement of the elastic bands at the top of the wall
5)	Union with the facades, pillars and interior walls
6)	Placement of the facilities in the walls
7)	Wall and ceiling cladding
8)	Floor covering

DISCONNECTING THE PLASTER BETWEEN WALLS

1) Cutting plaster with a trowel.

After applying the plaster in both walls, supporting the trowel in the interior wall or the inner wall of the facade, we make a vertical cut until arrive to the elastic band.

Finally, we place a band of paper in the union covering the cut.

05. Constructive process and new publications by Hispalyt

05. 1 Silensis walls constructive process

1)	Preparation and setting-out on site
2)	Placement of elastic bands in the base of the wall
3)	Building of the walls
4)	Placement of the elastic bands at the top of the wall
5)	Union with the facades, pillars and interior walls
6)	Placement of the facilities in the walls
7)	Wall and ceiling cladding
8)	Floor covering

DISCONNECTING THE PLASTER BETWEEN WALLS

1) Cutting plaster with a trowel.

After applying the plaster in both walls, supporting the trowel in the interior wall or the inner wall of the facade, we make a vertical cut until arrive to the elastic band.

Finally, we place a band of paper in the union covering the cut.

05. Constructive process and new publications by Hispalyt
05. 1 Silensis walls constructive process

1)	Preparation and setting-out on site
2)	Placement of elastic bands in the base of the wall
3)	Building of the walls
4)	Placement of the elastic bands at the top of the wall
5)	Union with the facades, pillars and interior walls
6)	Placement of the facilities in the walls
7)	Wall and ceiling cladding
8)	Floor covering

DISCONNECTING THE PLASTER BETWEEN WALLS

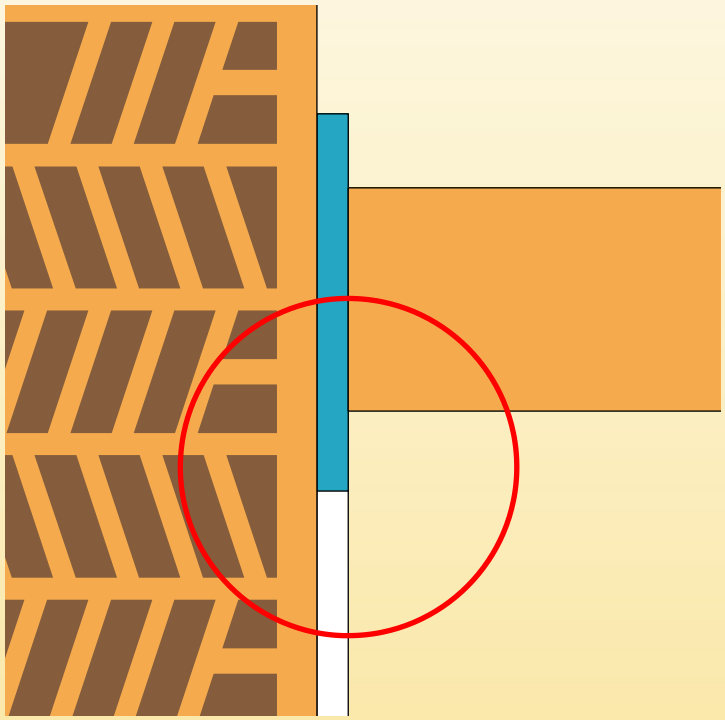
2) Keeping the disconnection with the elastic band during the application of plastering

The disconnection between the two plaster s is maintained with the elastic band.

First, we apply the plaster of the party wall against the elastic band.

Then, we apply the plaster of the interior wall or the inner wall of the facade against the elastic band.

Finally we place a band of paper covering the elastic band.



05. Constructive process and new publications by Hispalyt
05. 1 Silensis walls constructive process

1)	Preparation and setting-out on site
2)	Placement of elastic bands in the base of the wall
3)	Building of the walls
4)	Placement of the elastic bands at the top of the wall
5)	Union with the facades, pillars and interior walls
6)	Placement of the facilities in the walls
7)	Wall and ceiling cladding
8)	Floor covering

DISCONNECTING THE PLASTER BETWEEN WALLS

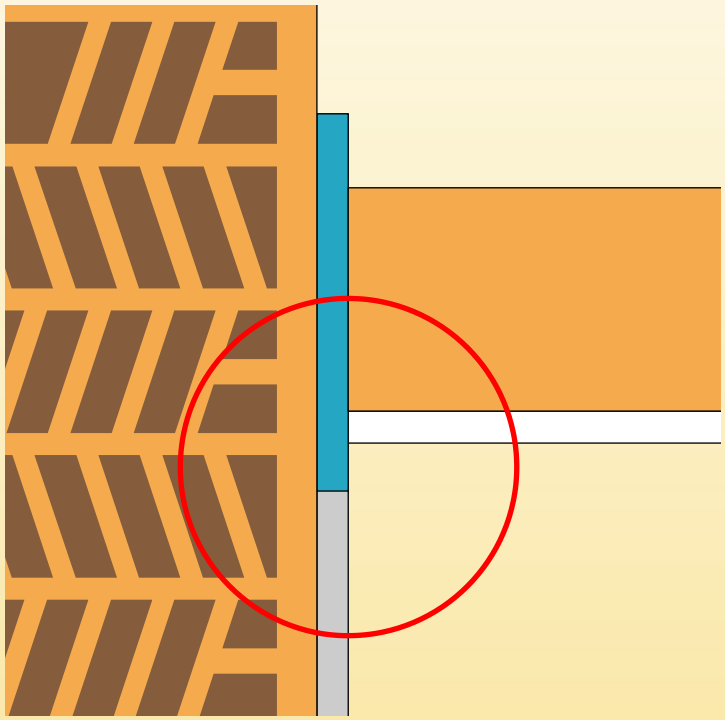
2) Keeping the disconnection with the elastic band during the application of plastering

The disconnection between the two plaster s is maintained with the elastic band.

First, we apply the plaster of the party wall against the elastic band.

Then, we apply the plaster of the interior wall or the inner wall of the facade against the elastic band.

Finally we place a band of paper covering the elastic band.



05. Constructive process and new publications by Hispalyt
05. 1 Silensis walls constructive process

1)	Preparation and setting-out on site
2)	Placement of elastic bands in the base of the wall
3)	Building of the walls
4)	Placement of the elastic bands at the top of the wall
5)	Union with the facades, pillars and interior walls
6)	Placement of the facilities in the walls
7)	Wall and ceiling cladding
8)	Floor covering

DISCONNECTING THE PLASTER BETWEEN WALLS

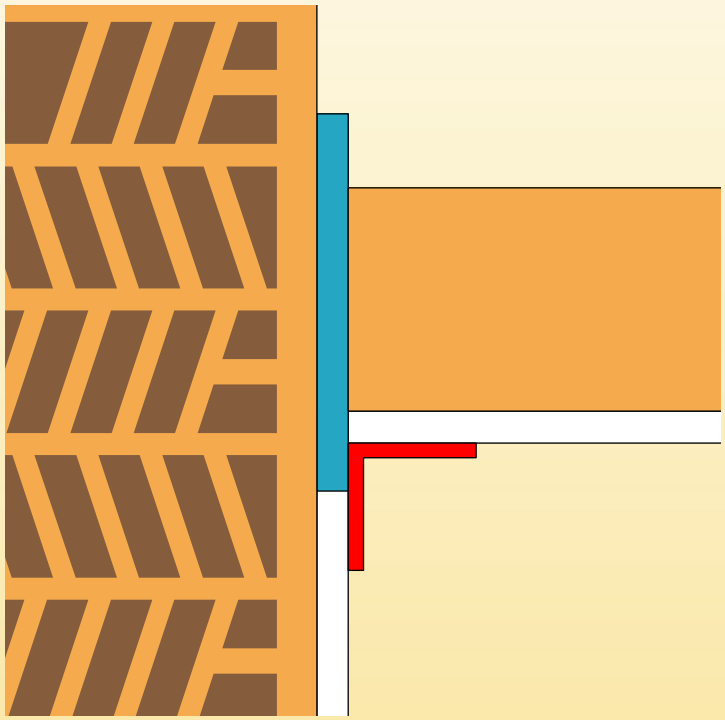
2) Keeping the disconnection with the elastic band during the application of plastering

The disconnection between the two plaster s is maintained with the elastic band.

First, we apply the plaster of the party wall against the elastic band.

Then, we apply the plaster of the interior wall or the inner wall of the facade against the elastic band.

Finally we place a band of paper covering the elastic band.



05. Constructive process and new publications by Hispalyt

05. 1 Silensis walls constructive process

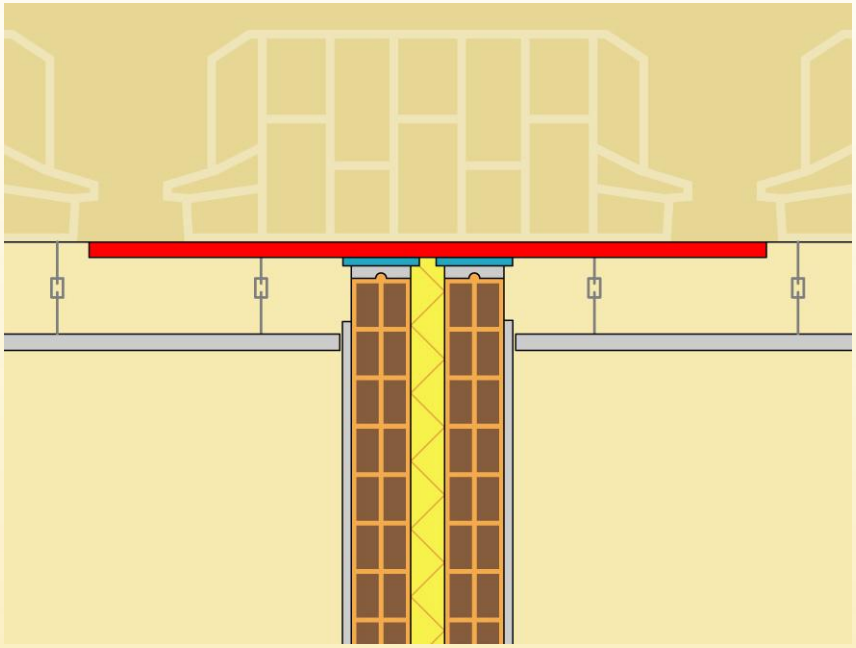
1)	Preparation and setting-out on site
2)	Placement of elastic bands in the base of the wall
3)	Building of the walls
4)	Placement of the elastic bands at the top of the wall
5)	Union with the facades, pillars and interior walls
6)	Placement of the facilities in the walls
7)	Wall and ceiling cladding
8)	Floor covering

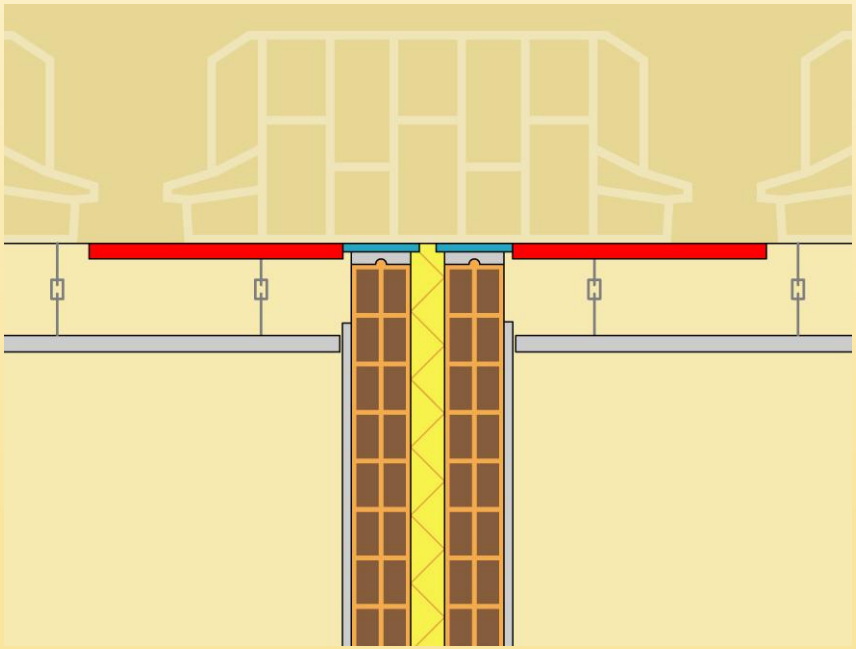
PLACEMENT OF FALSE CEILING

In the case of the floor structures made of caissons or vaults, we recommend applying a sealing material to prevent noise transmissions through the floor structure due to possible breakage of the caissons or the vaults. The sealing material may be applied before or after the building of the party wall, ensuring at all times that a connection between the wall and the floor structure is not made.

If the floor structure has the joist parallel to the wall, then the sealing material will be applied from one joist to another joist

If the floor structure has the joist perpendicular to the party wall, then the sealing material will be applied from one vault to another vault.





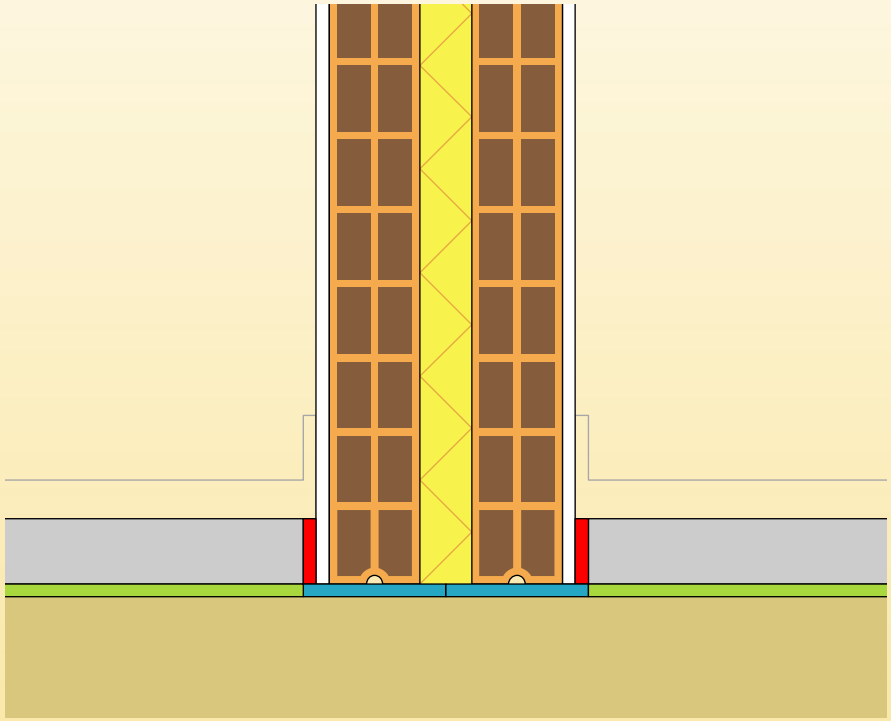
05. Constructive process and new publications by Hispalyt
05. 1 Silensis walls constructive process

1)	Preparation and setting-out on site
2)	Placement of elastic bands in the base of the wall
3)	Building of the walls
4)	Placement of the elastic bands at the top of the wall
5)	Union with the facades, pillars and interior walls
6)	Placement of the facilities in the walls
7)	Wall and ceiling cladding
8)	Floor covering

UNION OF THE FLOOR WITH THE PARTY WALL

We will avoid leaving discontinuities in the placement of the anti-impact lamina (■) through which the leveling mortar (■) can come in contact with the floor structure.

To do this, we use perimeter bands, overlap ribbons or plastics (■) following the recommendations of the manufacturer of anti-impact lamina.



05. Constructive process and new publications by Hispalyt
05. 1 Silensis walls constructive process

1)	Preparation and setting-out on site
2)	Placement of elastic bands in the base of the wall
3)	Building of the walls
4)	Placement of the elastic bands at the top of the wall
5)	Union with the facades, pillars and interior walls
6)	Placement of the facilities in the walls
7)	Wall and ceiling cladding
8)	Floor covering

PLACEMENT OF THE ANTI-IMPACT LAMINA

Examples of anti-impact materials:

- EEPS 2cm.
- Polyethylene.
- High density wool.

05. Constructive process and new publications by Hispalyt

05. 1 Silensis walls constructive process

1)	Preparation and setting-out on site
2)	Placement of elastic bands in the base of the wall
3)	Building of the walls
4)	Placement of the elastic bands at the top of the wall
5)	Union with the facades, pillars and interior walls
6)	Placement of the facilities in the walls
7)	Wall and ceiling cladding
8)	Floor covering

PLACEMENT OF THE ANTI-IMPACT LAMINA

Examples of anti-impact materials:

- EEPS 2cm.
- Polyethylene.
- High density wool.

05. Constructive process and new publications by Hispalyt
05. 1 Silensis walls constructive process

1)	Preparation and setting-out on site
2)	Placement of elastic bands in the base of the wall
3)	Building of the walls
4)	Placement of the elastic bands at the top of the wall
5)	Union with the facades, pillars and interior walls
6)	Placement of the facilities in the walls
7)	Wall and ceiling cladding
8)	Floor covering

PLACEMENT OF THE ANTI-IMPACT LAMINA

Examples of anti-impact materials:

- EEPS 2cm.
- Polyethylene.
- High density wool.

It is possible to comply the CTE DB HR employing ceramic walls

The SILENSIS system offers higher insulations on site than the 50 dBA required by the CTE using ceramic brick walls with thickness and masses similar to those used traditionally

To achieve this we must ensure:

- AN APPROPRIATE DESIGN
- PROPER WORK EXECUTION

Some fundamental aspects for the CONTROL OF EXECUTION of the Silensis solutions

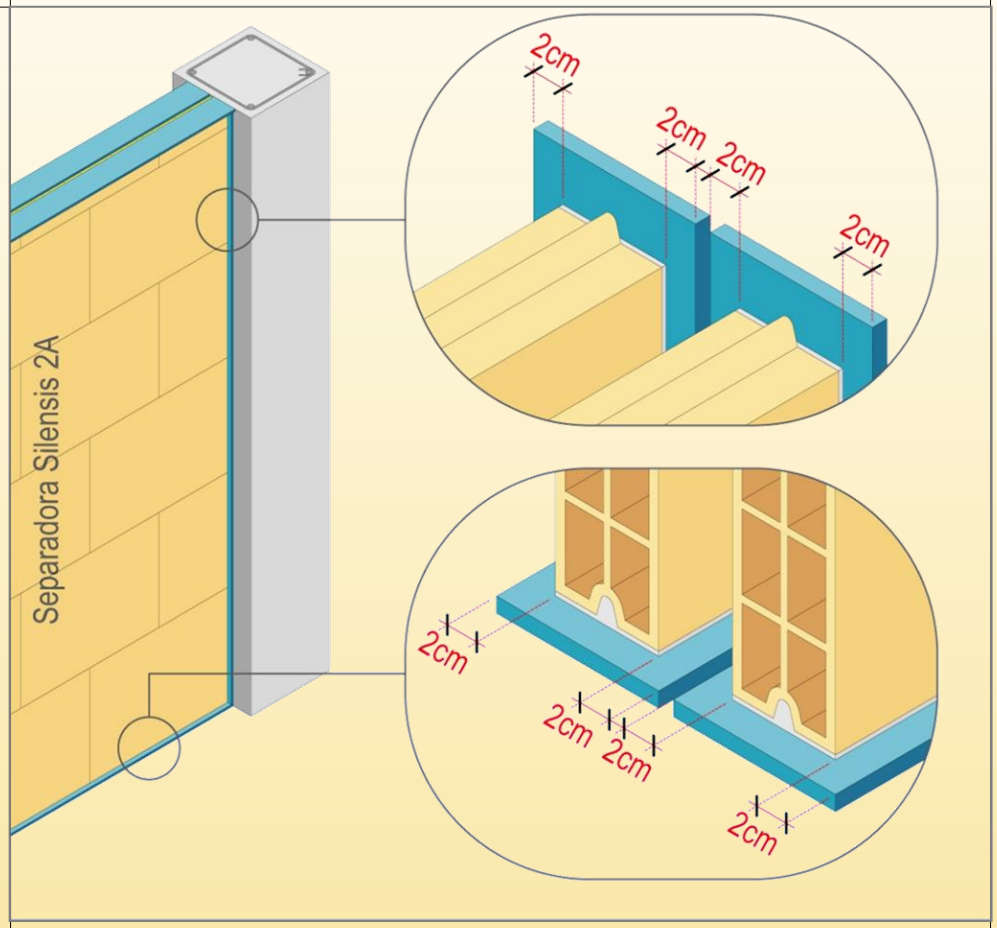
1) Placing of the elastic bands in the base, on the perimeter, etc. shall be checked, depending on the constructive solution, in compliance with the description of the project.

2) In those points where elastic bands have been placed, it shall be checked that there have been no rigid connections through the bonding material.

3) Proper sealing of the union of the wall to the upper floor structure shall be checked.

4) Correct execution and sealing of the slots for the facilities shall be checked.

5) It shall be checked that the plaster has been disconnected in all the unions between elements where we have placed elastic bands.



Some fundamental aspects for the CONTROL OF EXECUTION of the Silensis solutions

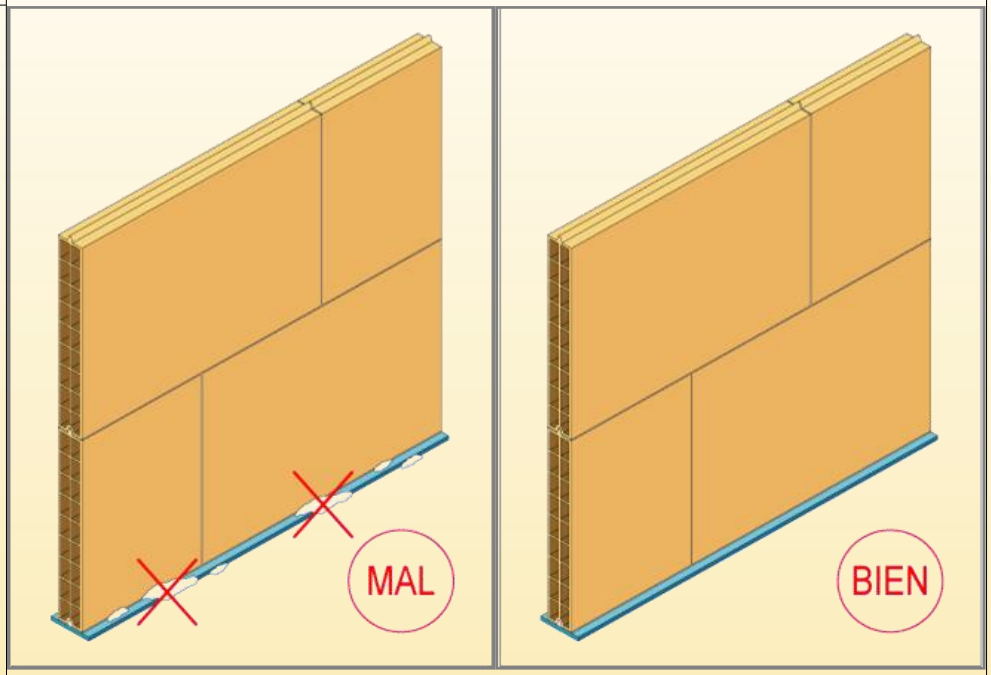
1) Placing of the elastic bands in the base, on the perimeter, etc. shall be checked, depending on the constructive solution, in compliance with the description of the project.

2) In those points where elastic bands have been placed, it shall be checked that there have been no rigid connections through the bonding material.

3) Proper sealing of the union of the wall to the upper floor structure shall be checked.

4) Correct execution and sealing of the slots for the facilities shall be checked.

5) It shall be checked that the plaster has been disconnected in all the unions between elements where we have placed elastic bands.



Some fundamental aspects for the CONTROL OF EXECUTION of the Silensis solutions

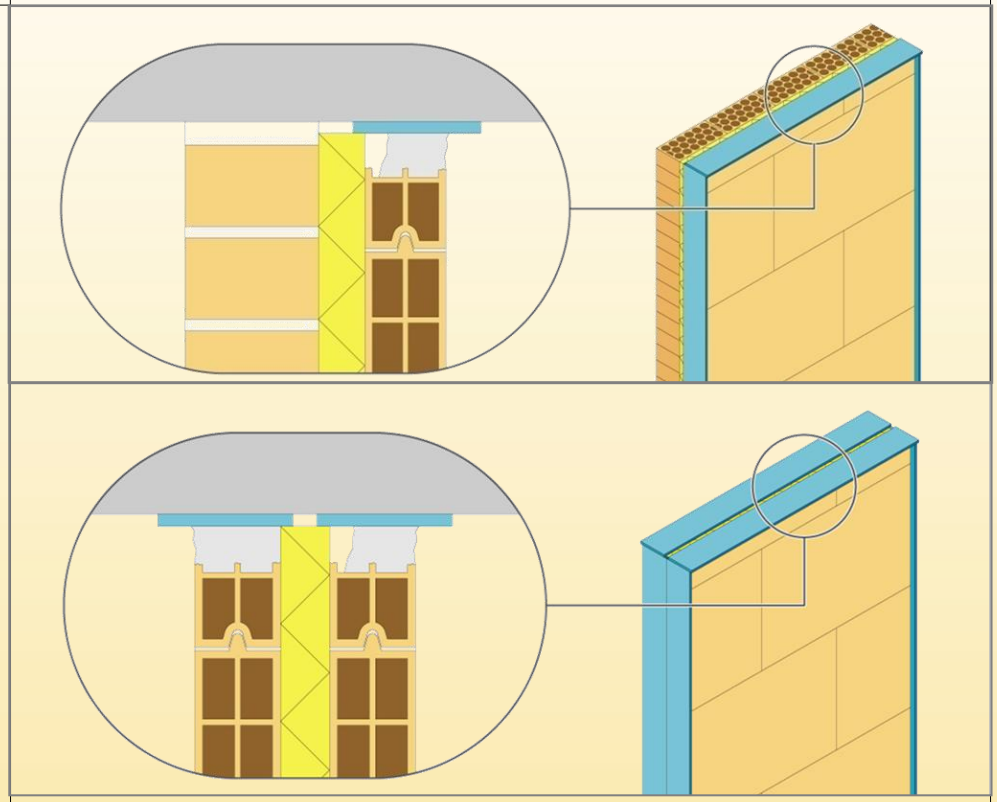
1) Placing of the elastic bands in the base, on the perimeter, etc. shall be checked, depending on the constructive solution, in compliance with the description of the project.

2) In those points where elastic bands have been placed, it shall be checked that there have been no rigid connections through the bonding material.

3) Proper sealing of the union of the wall to the upper floor structure shall be checked.

4) Correct execution and sealing of the slots for the facilities shall be checked.

5) It shall be checked that the plaster has been disconnected in all the unions between elements where we have placed elastic bands.



Some fundamental aspects for the CONTROL OF EXECUTION of the Silensis solutions

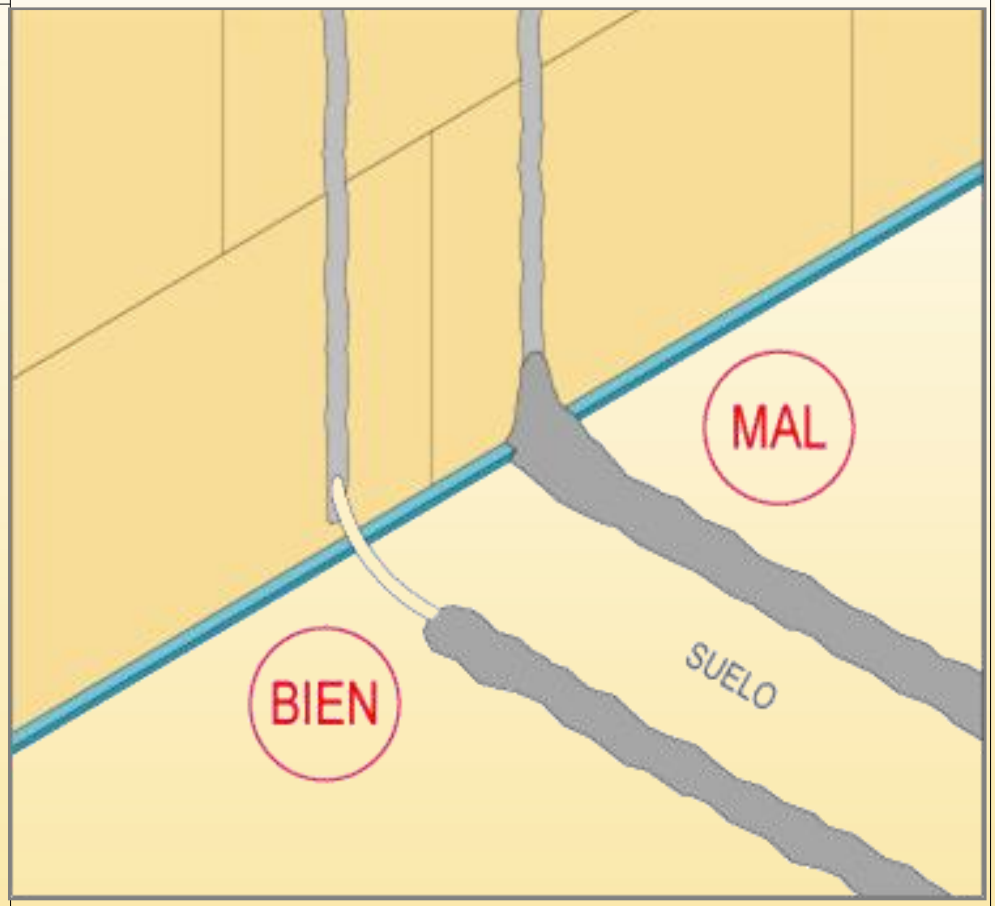
1) Placing of the elastic bands in the base, on the perimeter, etc. shall be checked, depending on the constructive solution, in compliance with the description of the project.

2) In those points where elastic bands have been placed, it shall be checked that there have been no rigid connections through the bonding material.

3) Proper sealing of the union of the wall to the upper floor structure shall be checked.

4) Correct execution and sealing of the slots for the facilities shall be checked.

5) It shall be checked that the plaster has been disconnected in all the unions between elements where we have placed elastic bands.



05. Constructive process and new publications by Hispalyt
05. 2 Execution control

Some fundamental aspects for the CONTROL OF EXECUTION of the Silensis solutions

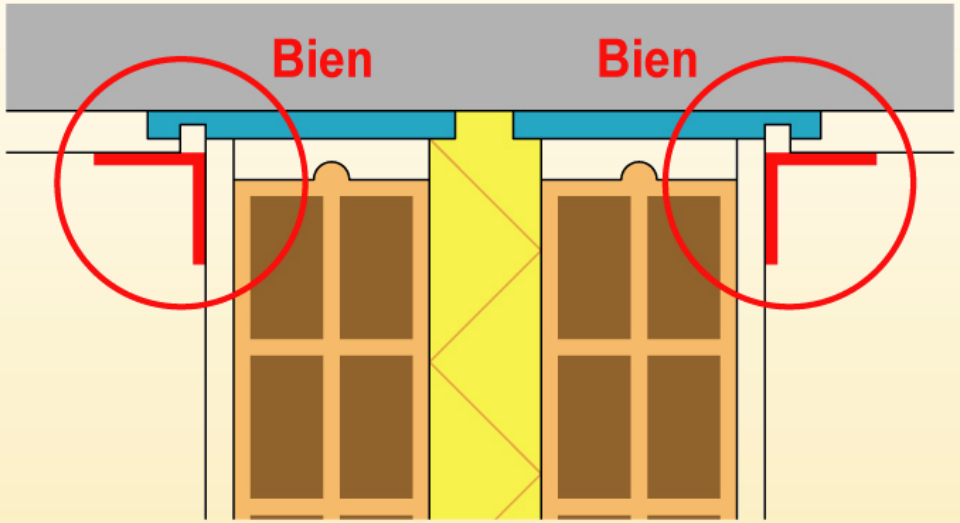
1) Placing of the elastic bands in the base, on the perimeter, etc. shall be checked, depending on the constructive solution, in compliance with the description of the project.

2) In those points where elastic bands have been placed, it shall be checked that there have been no rigid connections through the bonding material.

3) Proper sealing of the union of the wall to the upper floor structure shall be checked.

4) Correct execution and sealing of the slots for the facilities shall be checked.

5) It shall be checked that the plaster has been disconnected in all the unions between elements where we have placed elastic bands.



ASSEMBLY MANUAL OF BRICK WALLS FOR CLADDING

Developed by:

HISPALYT CERÁMICA PARA CONSTRUIR

MINISTERIO DE CIENCIA E INNOVACIÓN · CSIC · INSTITUTO EDUARDO TORROJA

Subsidized by:

Castilla-La Mancha
Consejería de Ordenación del Territorio y Vivienda

ASOCIACIÓN REGIONAL DE TEJAS Y LADRILLOS DE CASTILLA LA MANCHA
TLT

Constructive details:
Olivé Sauret Arquitectura
Arquimia Oficina Técnica (Sections "Herramientas y Preparación de Materiales")

With the collaboration of:

Different entities of the sector:
ETS Ingeniería de Edificación (UPM)
Fundación Laboral de la Construcción (FLC). Consejo Territorial de Madrid
Asociación Nacional de Fabricantes de Mortero (AFAM)
Asociación Técnica y Empresarial del Yeso (ATEDY), Sección de Fabricantes de Productos en Polvo
Asociación Nacional de Fabricantes de Materiales Aislantes, (ANDIMAT)
Asociación Española de Fabricantes de Azulejos y Pavimentos Cerámicos (ASCER)
Asociación Profesional de Alicatadores/Soladores (PROALSO)
TECNALIA

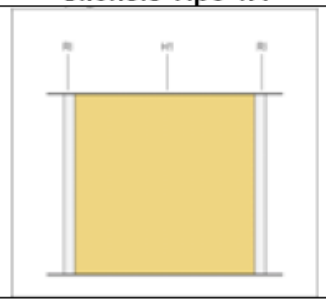
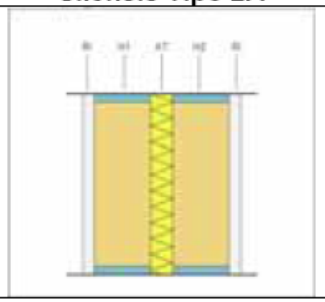
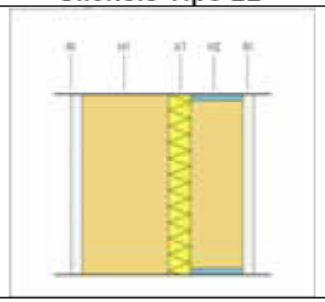
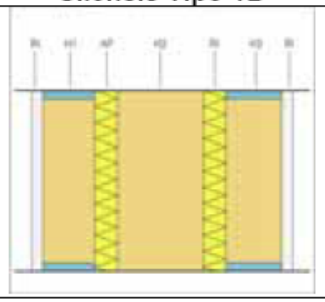
Other professionals of the sector (colocation enterprises, architects, etc.)

ASSEMBLY MANUAL OF BRICK WALLS FOR CLADDING

PURPOSE AND SCOPE:

Requirements of the CTE

DB SE: Structural safety
DB SI: Protection in case of fire
DB HE-1: Limitation of energy demand
DB HR: Protection against noise

Separadoras Silensis			
De una hoja	De dos hojas		De tres hojas
Silensis Tipo 1A	Silensis Tipo 2A	Silensis Tipo 2B	Silensis Tipo 1B
			
Sin bandas elásticas	Con bandas elásticas perimetrales en las dos hojas ligeras	Con bandas elásticas perimetrales en la hoja ligera	Con bandas elásticas perimetrales en las dos hojas ligeras exteriores

SILENSIS SOLUTIONS

ASSEMBLY MANUAL OF BRICK WALLS FOR CLADDING

PURPOSE AND SCOPE:

❑ Procedures of the execution of bricks walls according to good practice, the CTE and other standars.

❑ In addition to the execution of the wall, the manual contemplates other necessary aspects, such as those relating to the application of the cladding, or execution of flooring.

❑ Guide easy to read.

❑ Is addressed to all the stakeholders involved in the constructive process of walls, especially, contractor, assembly staff and site supervisors and managers.

❑ This publication has approximetly 440 pages and is composed of 7 independent fascicles.

ASSEMBLY MANUAL OF BRICK WALLS FOR CLADDING

INDEX:

- **CHAPTER 0**
  - Introduction
- **CHAPTER 1**
  - Components
  - Reception and procurement of materials
  - Tools
  - Preparation of materials
- **CHAPTER 2**
  - Bricks for cladding
  - New design of ceramic partitions for compliance with the CTE
- **CHAPTER 3**
  - Instructions for the installation of the walls of small format hollow bricks, perforated bricks and blocks.

ASSEMBLY MANUAL OF BRICK WALLS FOR CLADDING

INDEX:

- **CHAPTER 4**
  - Instructions for the installation of the walls of big format hollow brick and prefabricated ceramic and plaster panels.
- **CHAPTER 5**
  - Floating floor and paving
- **CHAPTER 6**
  - Application of gypsum sheathing
- **CHAPTER 7**
  - Execution of the tiling

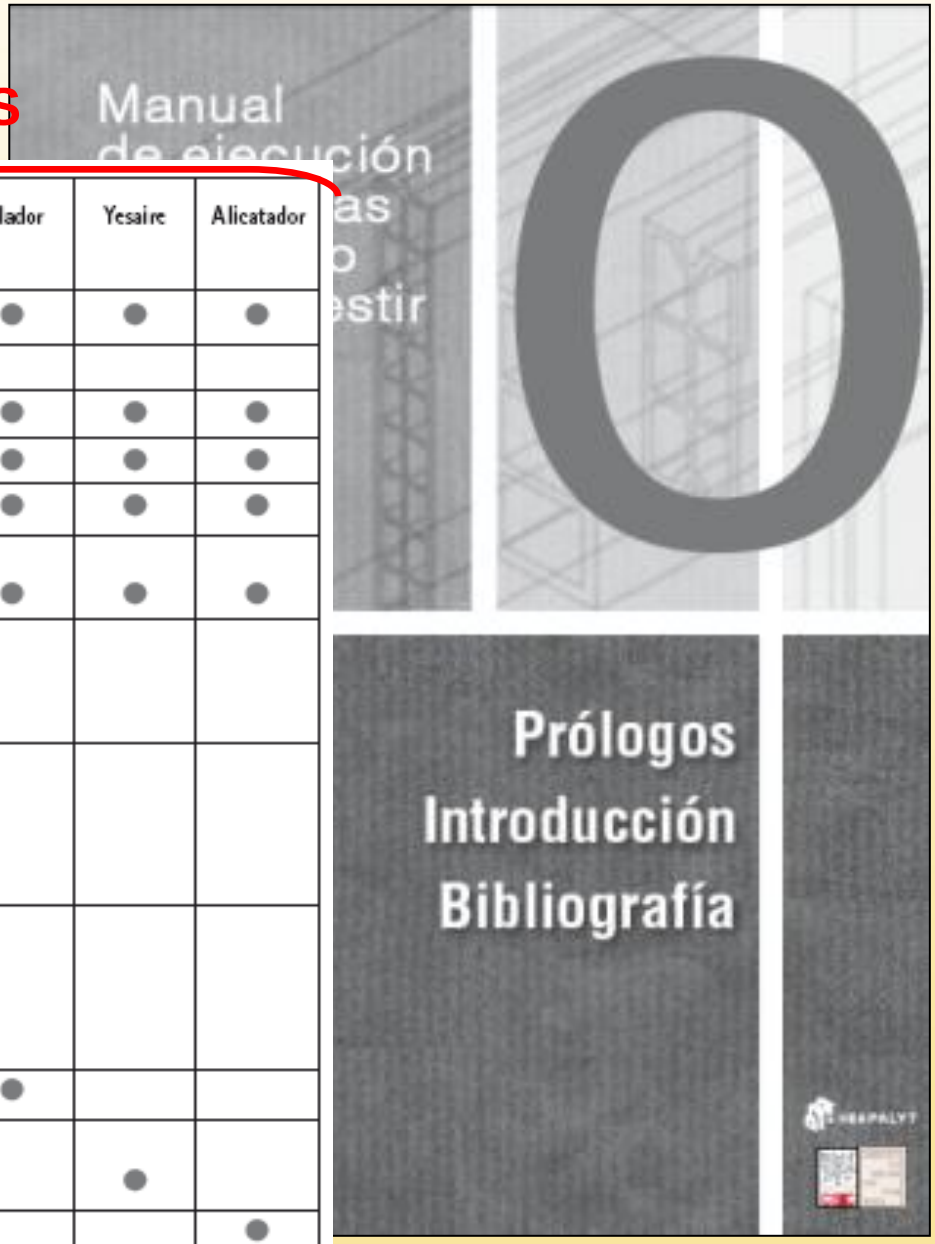
ASSEMBLY MANUAL OF BRICK WALLS FOR CLADDING

❑ CHAPTER 0: Introduction

AGENTS

SECTIONS

Capítulo	Apartado	Proyectista	Director de obra	Tabiquero LHGF/PCY	Albañil LHPF/LP/BC	Solador	Yesaire	Alicatador
0	Introducción	●	●	●	●	●	●	●
1	Componentes	●	●					
	Recepción y acopio		●	●	●	●	●	●
	Herramientas			●	●	●	●	●
	Preparación de materiales			●	●	●	●	●
2	Fábricas de ladrillo y bloque cerámico para revestir	●	●	●	●	●	●	●
	Nuevo diseño de tabiquerías cerámicas para el cumplimiento del CTE	●	●					
3	Puesta en obra de las fábricas de ladrillo hueco de pequeño formato, ladrillo perforado o bloque cerámico		●		●			
4	Puesta en obra de las fábricas de ladrillo hueco gran formato y panel prefabricado de cerámica y yeso		●	●				
5	Suelo flotante y solado		●			●		
6	Aplicación de los revestimientos de yeso		●				●	
7	Ejecución de los alicatados		●					●



ASSEMBLY MANUAL OF BRICK WALLS FOR CLADDING

❑ CHAPTER 1 : Components

Bricks and blocks for cladding.

Bonding materials.

Coating materials.

Complementary elements.

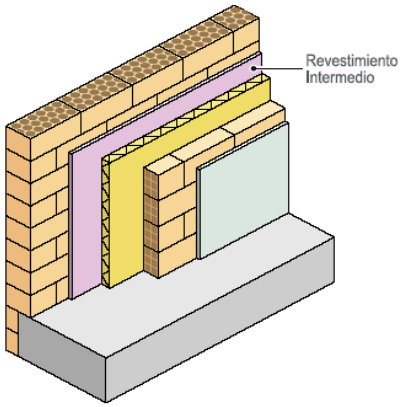


Figura 12. *Revestimiento intermedio.*

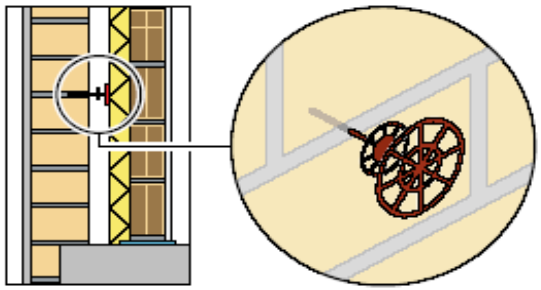
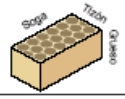
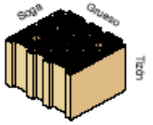
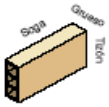
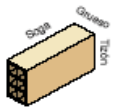
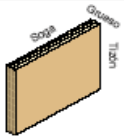
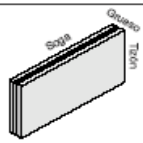
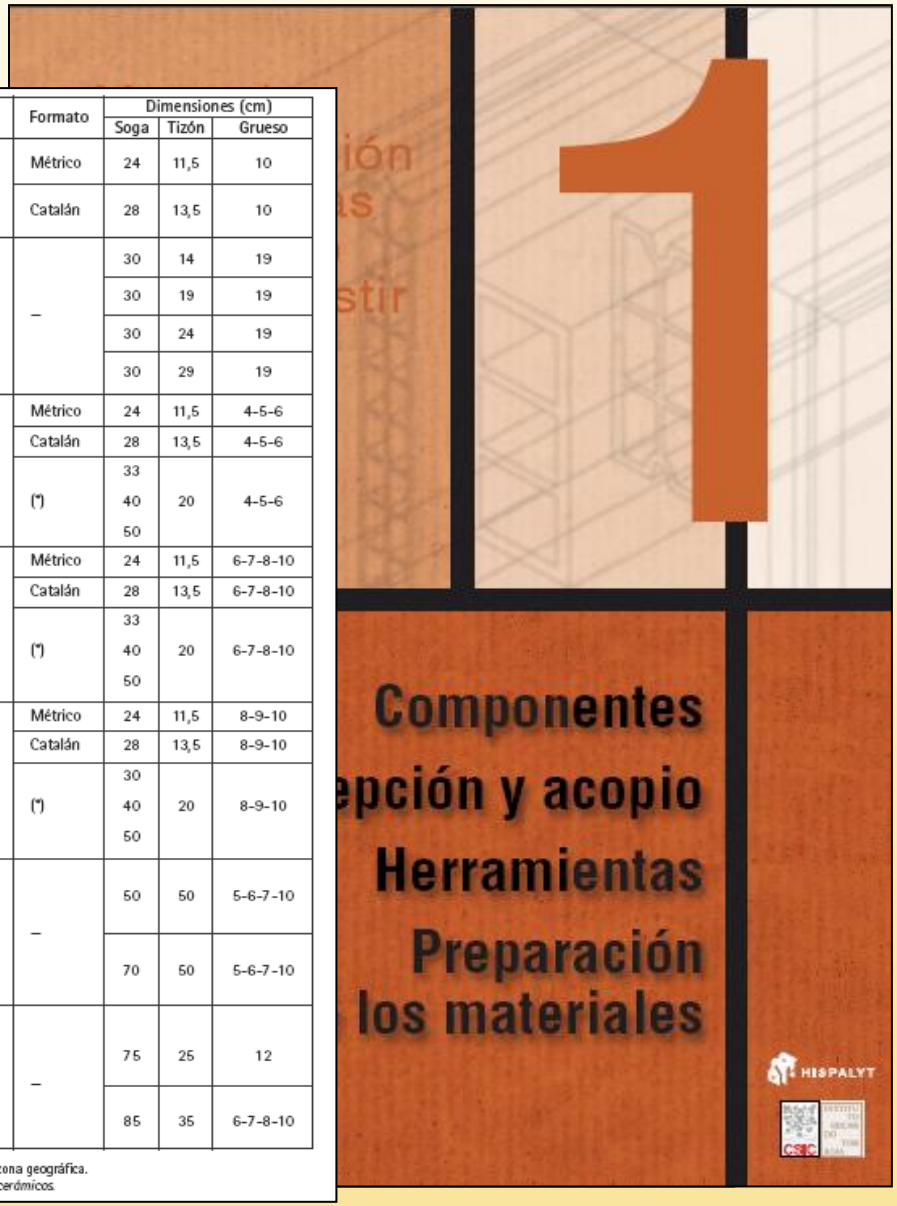


Figura 24. *Separadores.*

Tipo de pieza		Formato	Dimensiones (cm) Soga	Tizón	Grueso
Ladrillo perforado y macizo para revestir		Métrico	24	11,5	10
		Catalán	28	13,5	10
Bloque cerámico aligerado machihembrado verticalmente		–	30	14	19
			30	19	19
			30	24	19
			30	29	19
Ladrillo hueco sencillo		Métrico	24	11,5	4-5-6
		Catalán	28	13,5	4-5-6
		(*)	33 40 50	20	4-5-6
Ladrillo hueco doble		Métrico	24	11,5	6-7-8-10
		Catalán	28	13,5	6-7-8-10
		(*)	33 40 50	20	6-7-8-10
Ladrillo hueco triple		Métrico	24	11,5	8-9-10
		Catalán	28	13,5	8-9-10
		(*)	30 40 50	20	8-9-10
Ladrillo hueco gran formato (sencillo/doble/triple)		–	50	50	5-6-7-10
			70	50	5-6-7-10
Paneles prefabricados de cerámica y yeso (sencillo/doble)		–	75	25	12
			85	35	6-7-8-10

(*) Estos formatos de ladrillo reciben distinta denominación en función de la zona geográfica.
Figura 8. *Formatos de ladrillos cerámicos.*



ASSEMBLY MANUAL OF BRICK WALLS FOR CLADDING

❑ CHAPTER 1 : Reception and collection

Bricks and blocks

Cement mortar

Manual application and mechanical proyection of plaster

Thermal insulation

Bricks and blocks

1.1. Technical characteristics.

1.2. Supply conditions

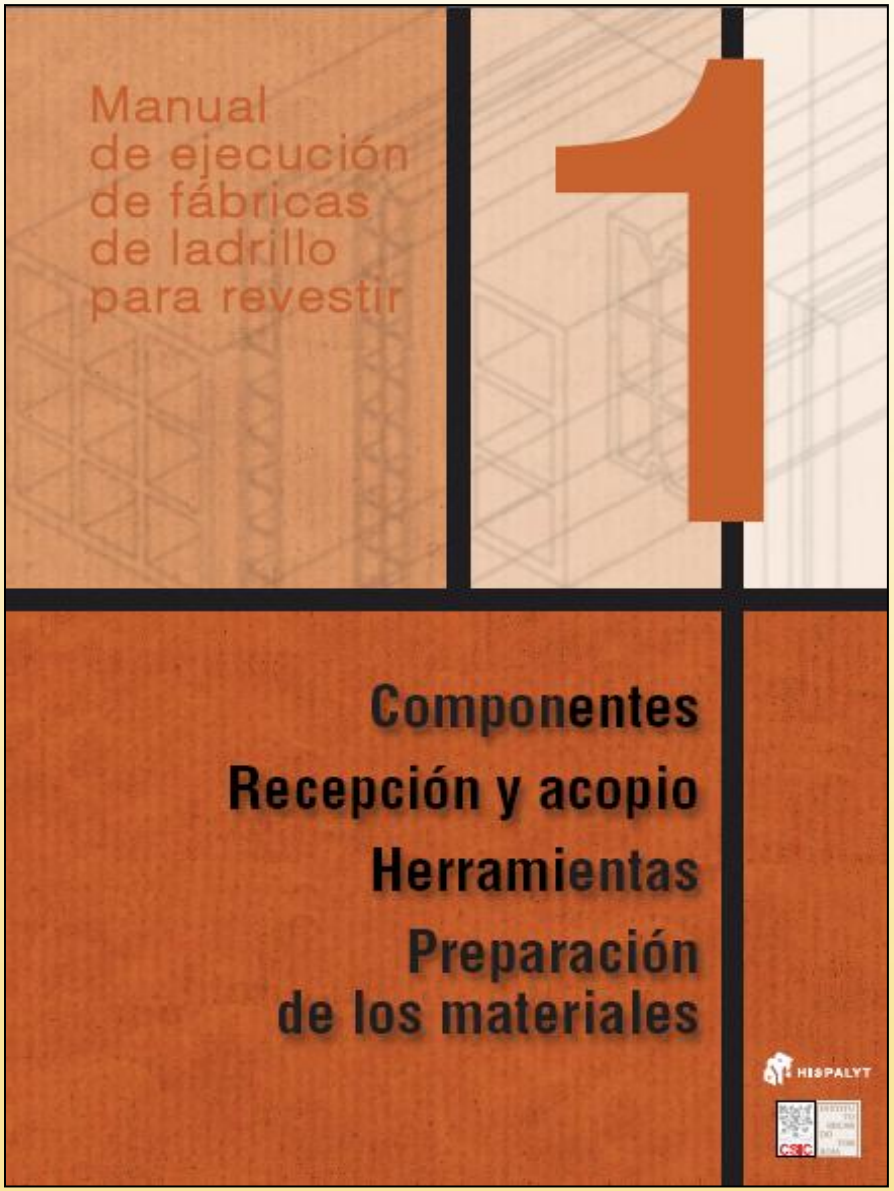
1.3. Guarantees.

- Documentation required to supply
- Aditional guarantees of quality
- Reception of tests

1.4. Control of reception on site

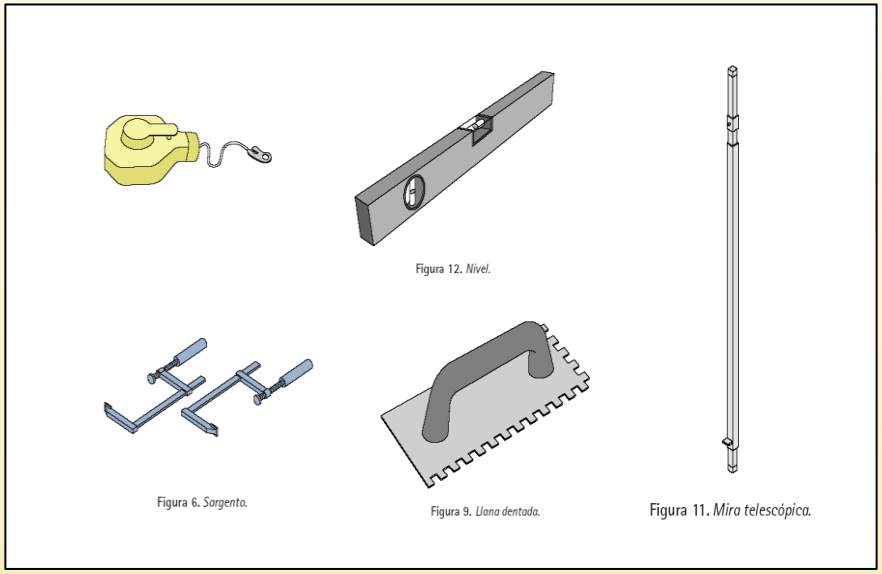
- Procedure for the sampling

1.5. Test guidelines and control of the ceramic bricks and ceramic blocks standards .



ASSEMBLY MANUAL OF BRICK WALLS FOR CLADDING

❑ CHAPTER 1: Tools



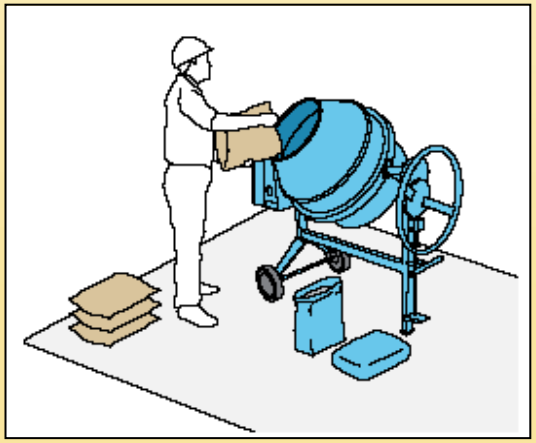
❑ CHAPTER 1: Preparation of materials

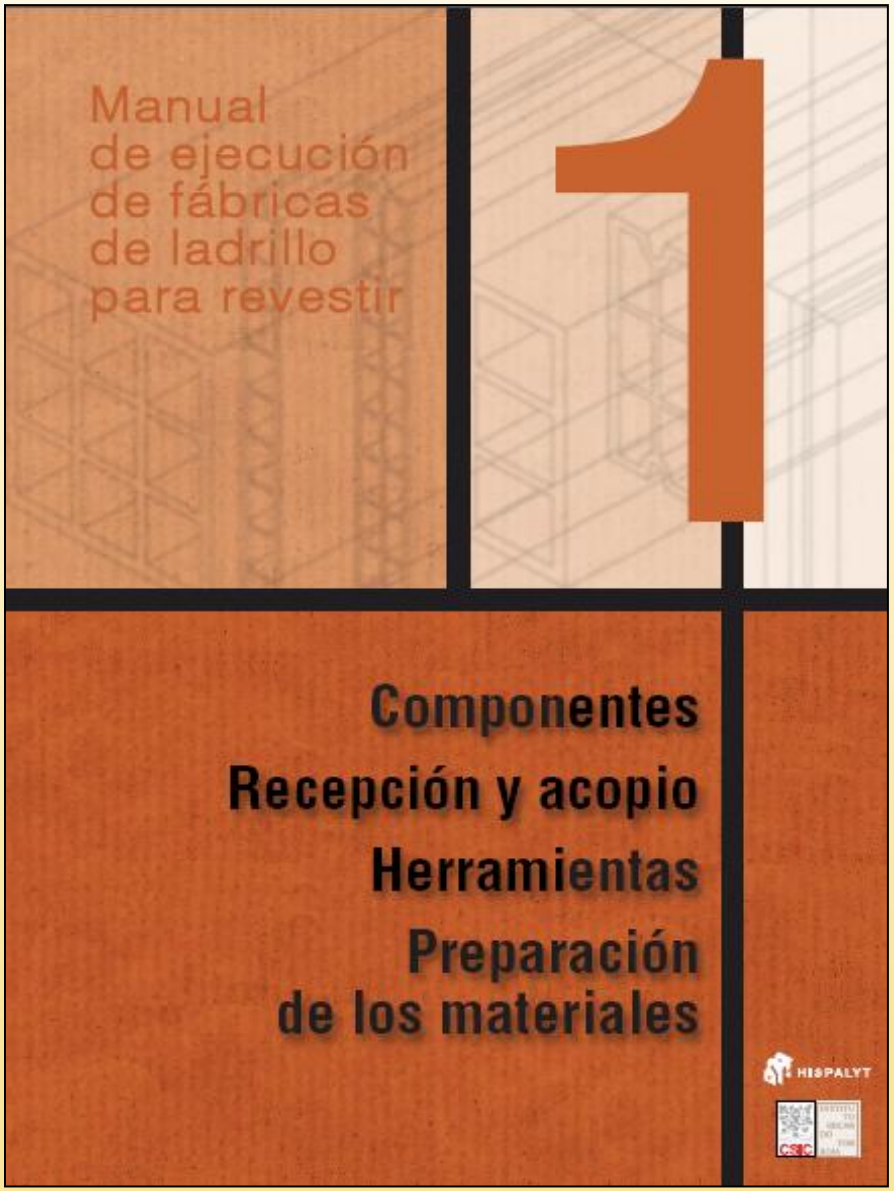
Cement mortar

Gypsum

Glue plaster

Cementitious adhesives





ASSEMBLY MANUAL OF BRICK WALLS FOR CLADDING

❑ CHAPTER 2: Bricks for cladding

Description of constructive solutions

- Separadora Silensis Tipo 2B: Pared de dos hojas formada por una hoja pesada apoyada y un trasdosado formado por una hoja ligera con bandas elásticas perimetrales y material absorbente en la cámara.

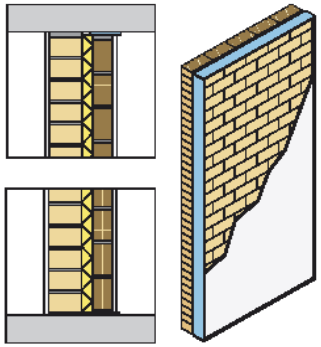
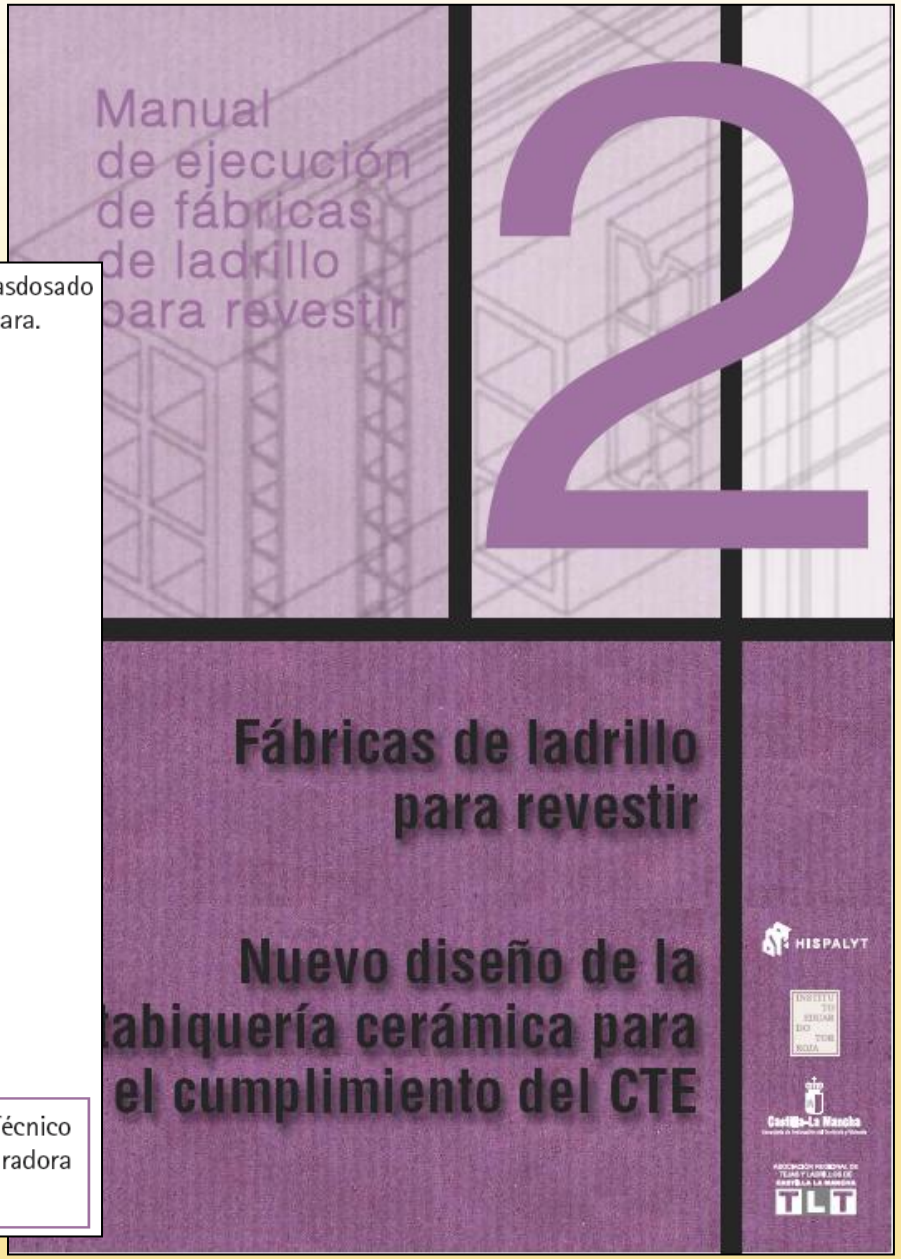


Figura 12. *Separadora Silensis Tipo 2B.*

La hoja pesada puede estar formada por:
1. Ladrillo cerámico perforado de ½ pie.
2. Ladrillo cerámico macizo de ½ pie.
3. Bloque cerámico de ½ pie.
4. Bloque cerámico machihembrado verticalmente de 14 a 19 cm.

La hoja ligera con bandas elásticas perimetrales puede estar formada por:
1. Ladrillo hueco de pequeño formato de 5 a 7 cm.
2. Ladrillo hueco de gran formato de 5 a 7 cm.
3. Panel prefabricado de cerámica y yeso de 6 a 8 cm.

Para el cumplimiento del Documento Básico de Protección frente al Ruido (DB HR) del Código Técnico de la Edificación (CTE), esta tipología de pared es empleada como separadora entre viviendas, separadora entre viviendas y zonas comunes, y separadora entre viviendas y recintos de instalaciones o actividad.



ASSEMBLY MANUAL OF BRICK WALLS FOR CLADDING

❑ CHAPTER 2: New design of ceramic partitions for compliance with the CTE

New acoustic requirements of the DB HR of the CTE: Protection against noise

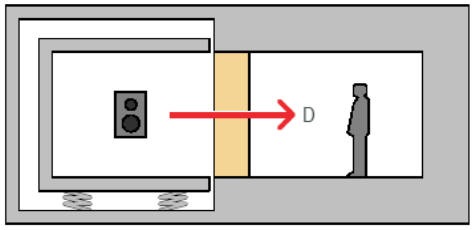
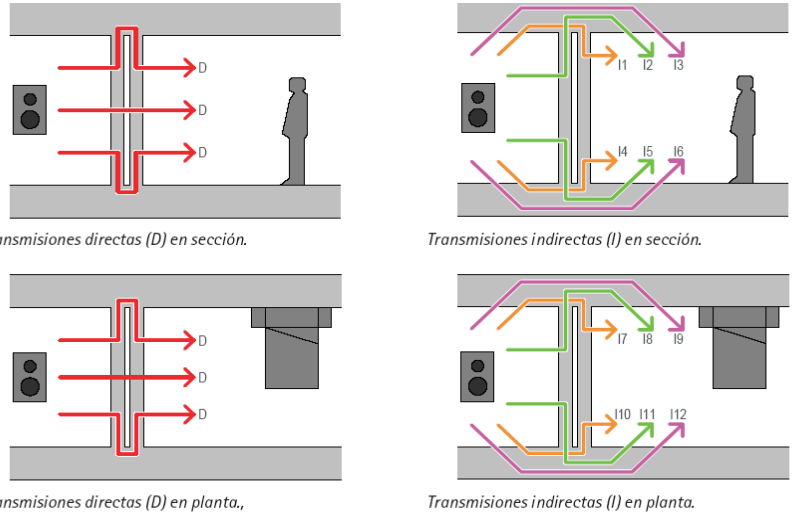


Figura 2. *Transmisiones de ruido en laboratorio: transmisión directa en una pared de una hoja.*



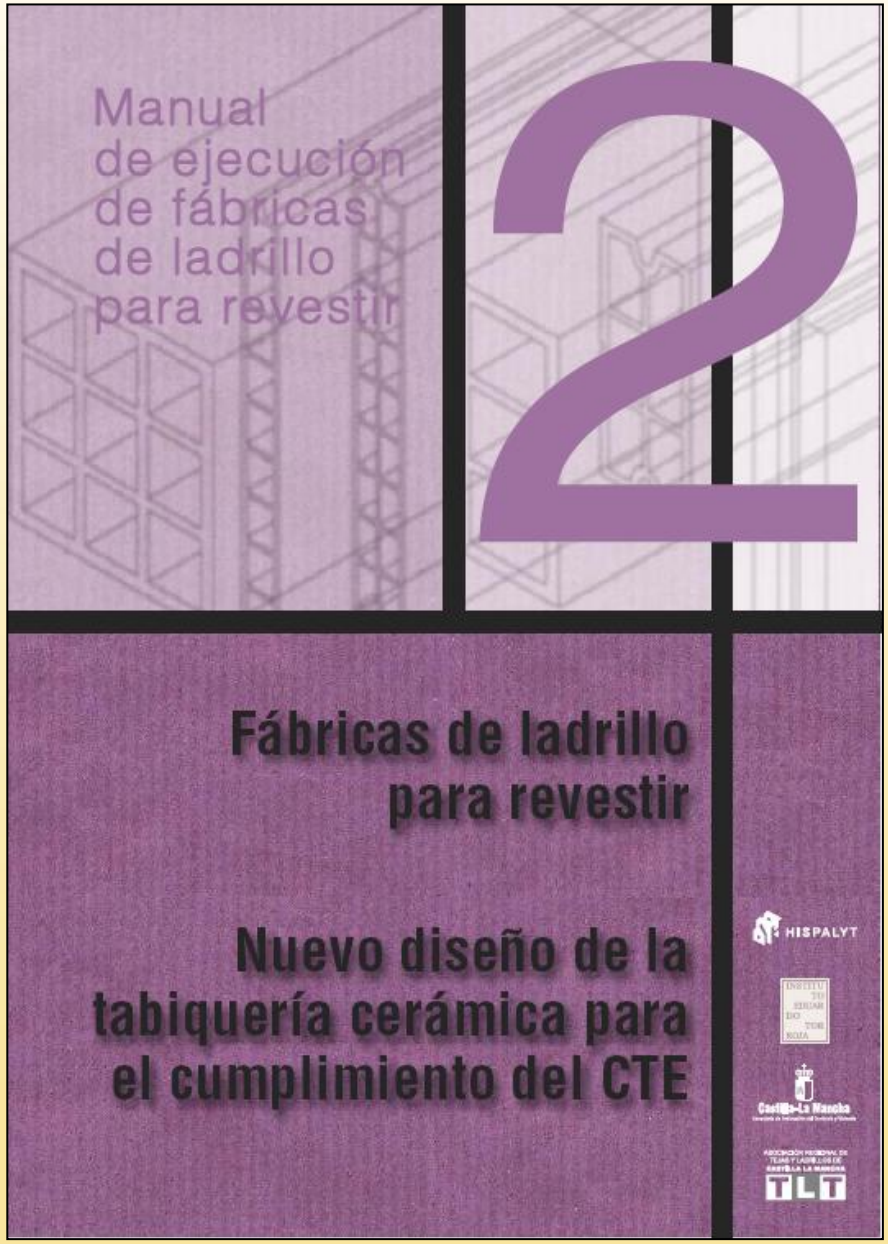
Transmisiones directas (D) en sección.

Transmisiones indirectas (I) en sección.

Transmisiones directas (D) en planta.,

Transmisiones indirectas (I) en planta.

Figura 4. *Transmisiones de ruido in situ entre dos recintos colindantes horizontalmente: transmisiones directas (D) e indirectas (I).*

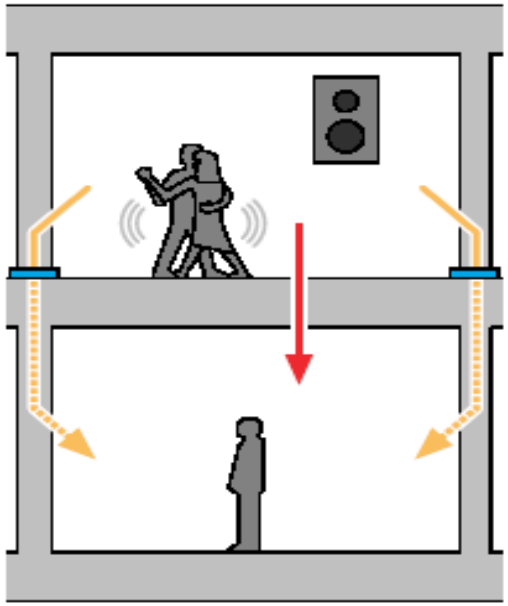


ASSEMBLY MANUAL OF BRICK WALLS FOR CLADDING

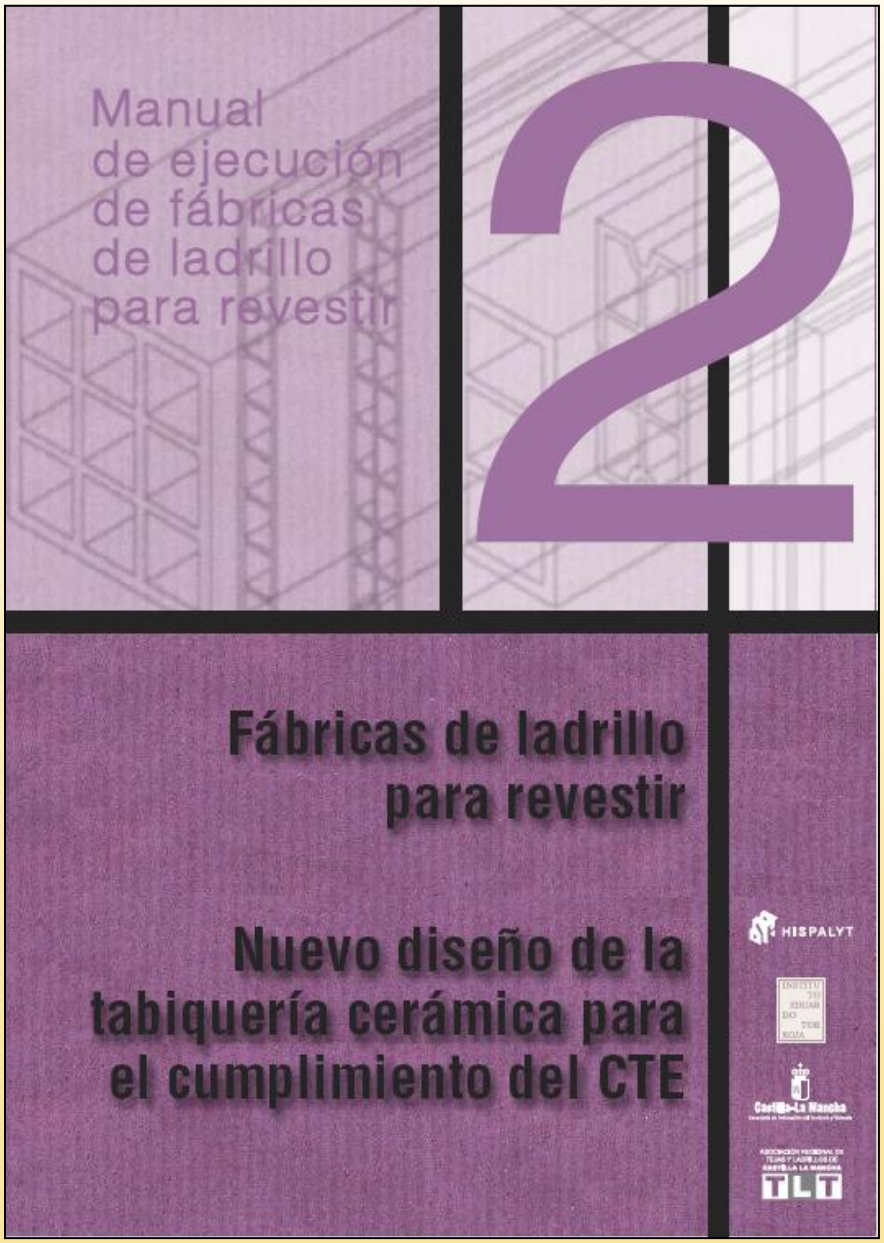
❑ CHAPTER 2: New design of ceramic partitions for compliance with the CTE

Colocation of the elastic bands

Elastic bands in the BASE of the interior walls, inner walls of the facade and walls between different buildings



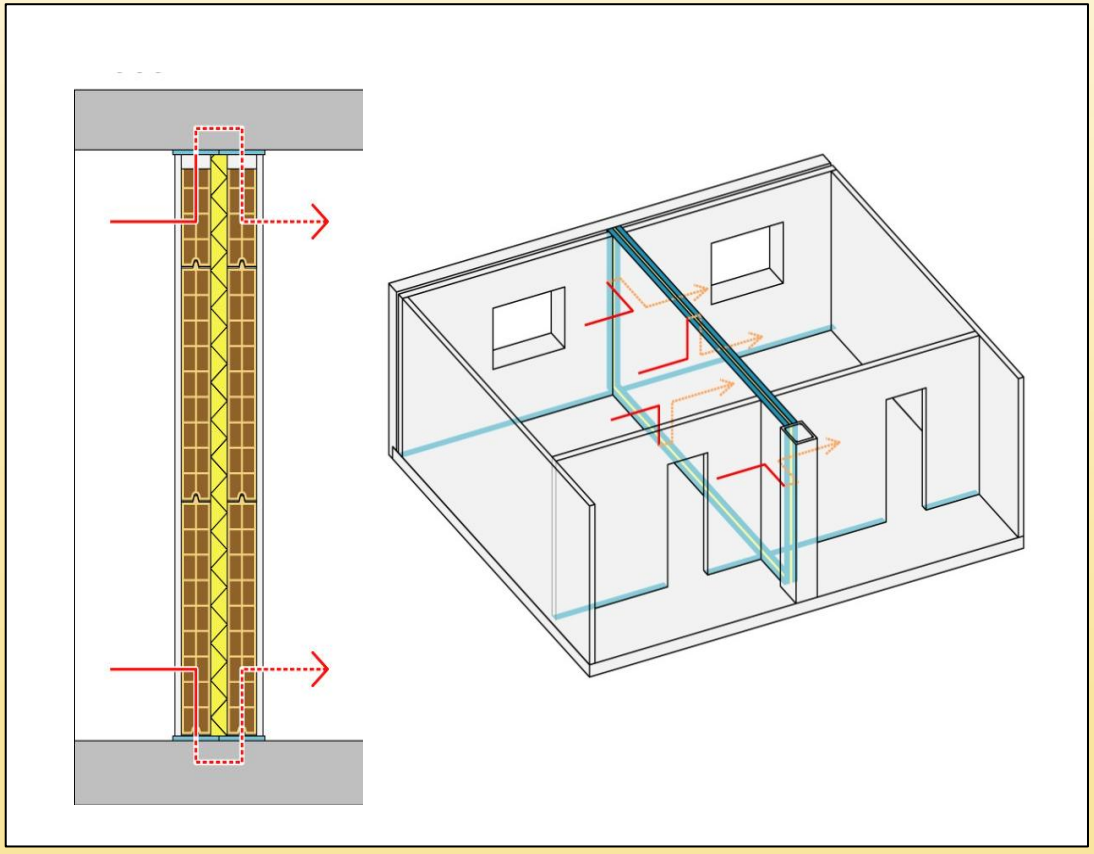
Transmisión de ruido en vertical a través de los tabiques CON banda elástica.

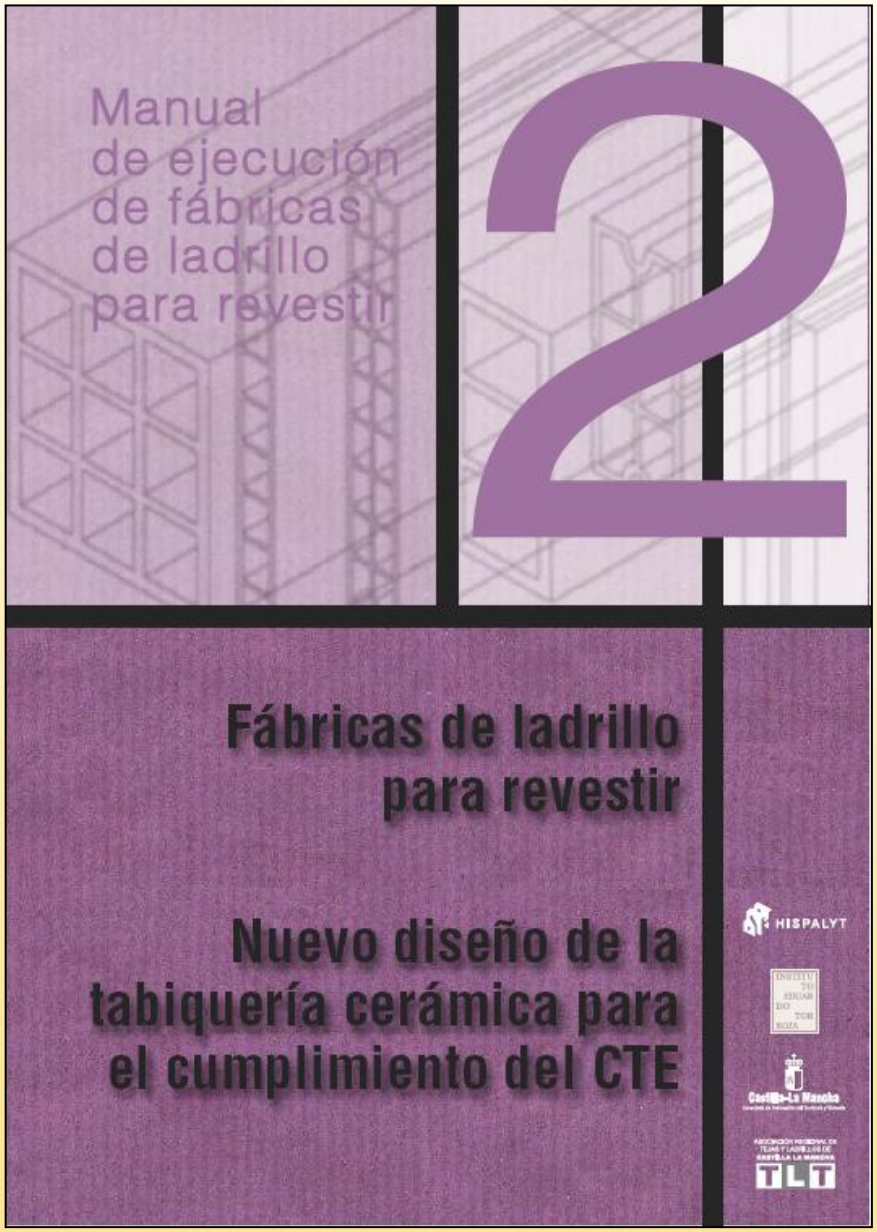


ASSEMBLY MANUAL OF BRICK WALLS FOR CLADDING

❑ CHAPTER 2: New design of ceramic partitions for compliance with the CTE

Elastic bands in the PERIMETER of the lightweight walls of the double or triple partition walls Silensis Type 2A, 2B and 1B.

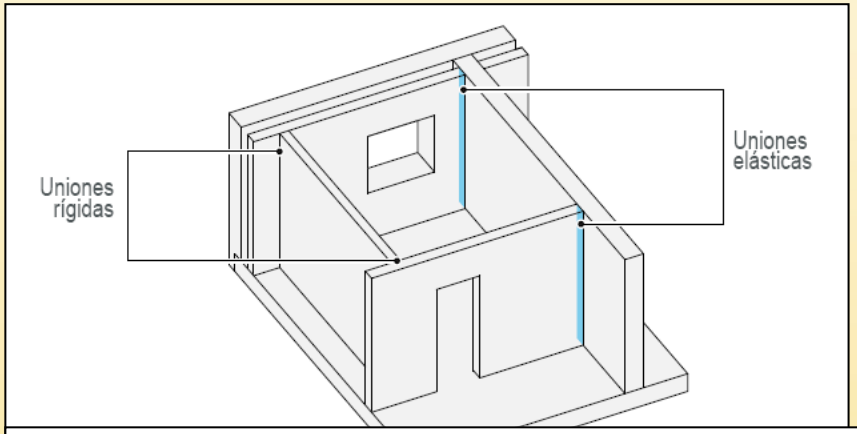




ASSEMBLY MANUAL OF BRICK WALLS FOR CLADDING

❑ CHAPTER 2: New design of ceramic partitions for compliance with the CTE

Elastic bands in VERTICAL in the union of the interior walls and inner walls of facades with simple partitions Silensis type 1A.



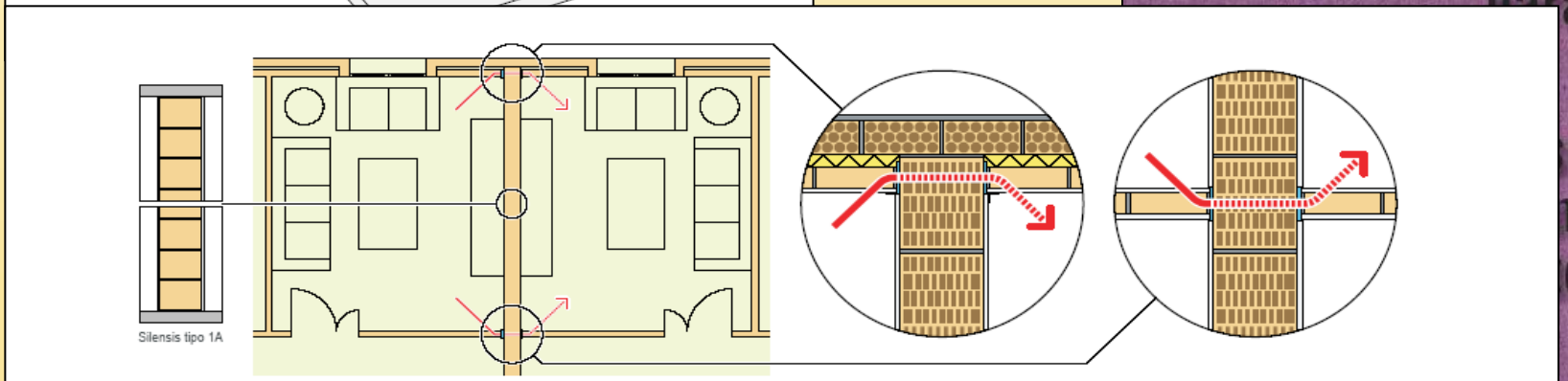


Figura 22. *Separadora de una hoja Silensis Tipo 1A: bandas elásticas en el encuentro de tabiques y hojas interiores de la fachada con la separadora.*

ASSEMBLY MANUAL OF BRICK WALLS FOR CLADDING

❑ CHAPTER 2: New design of ceramic partitions for compliance with the CTE

Union of the Silensis party walls with other walls and other constructives elements.

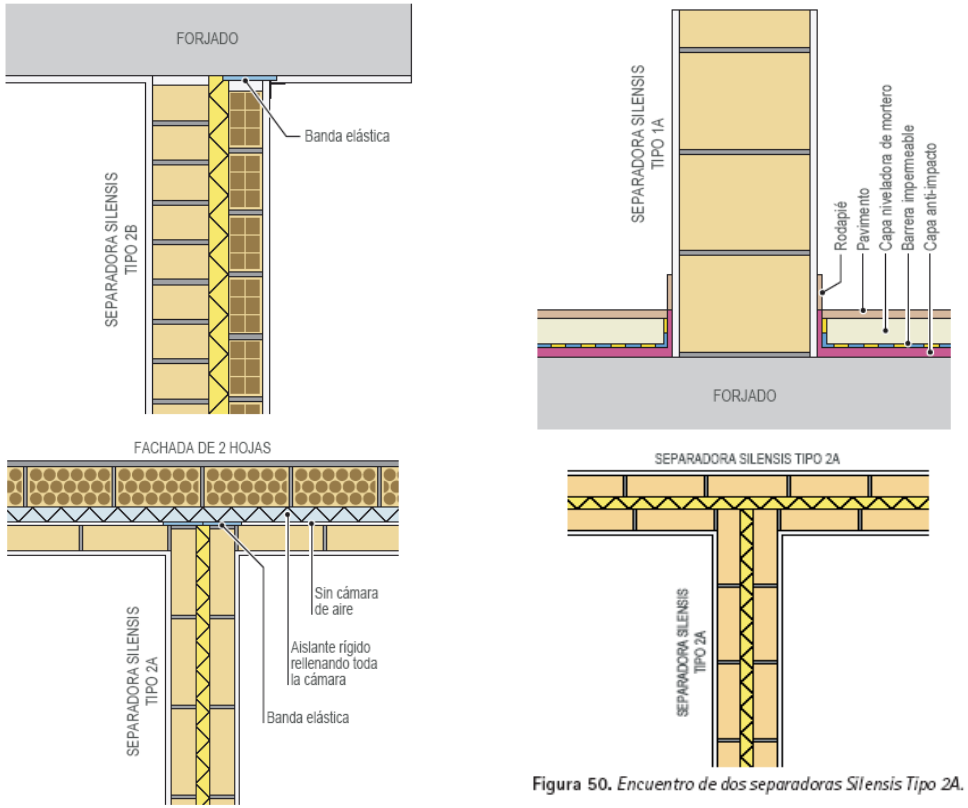
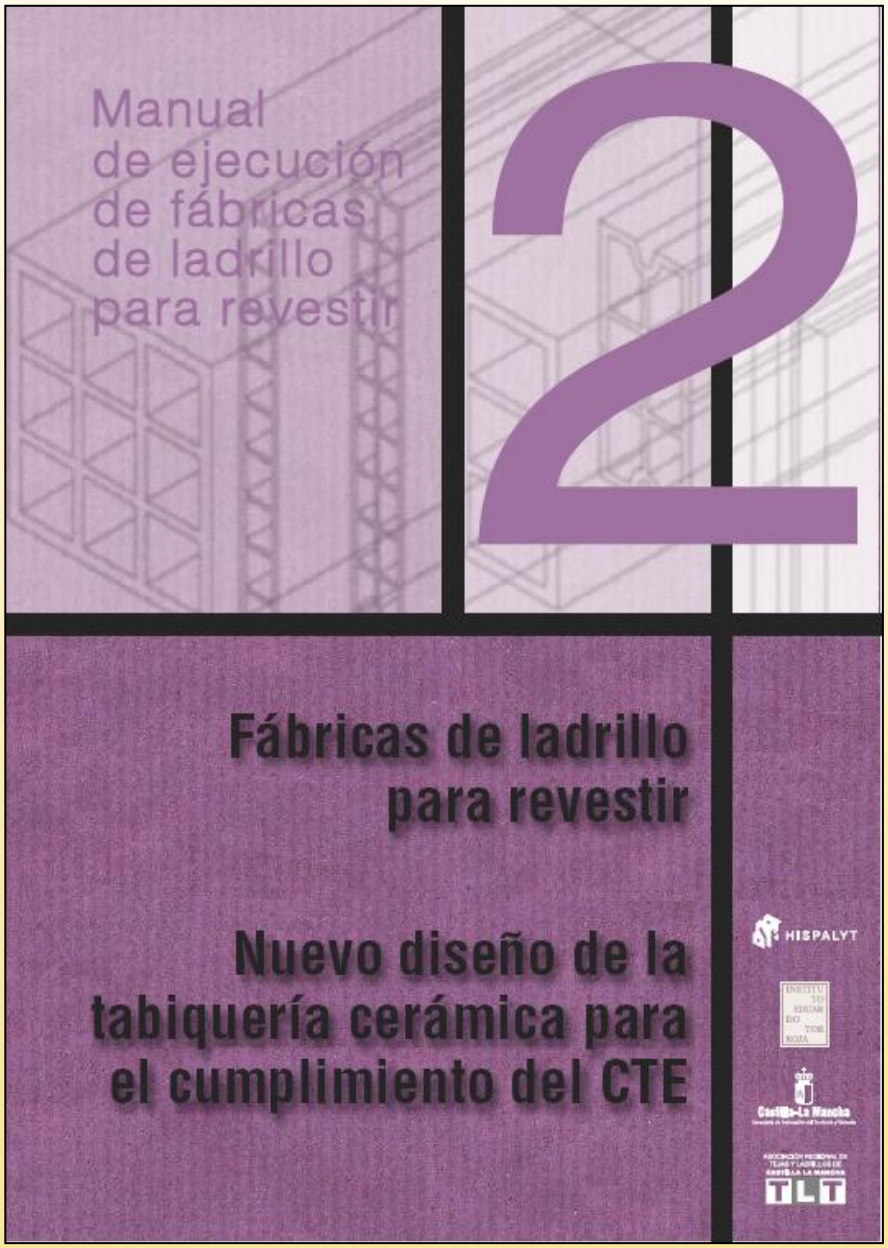


Figura 50. *Encuentro de dos separadoras Silensis Tipo 2A.*



ASSEMBLY MANUAL OF BRICK WALLS FOR CLADDING

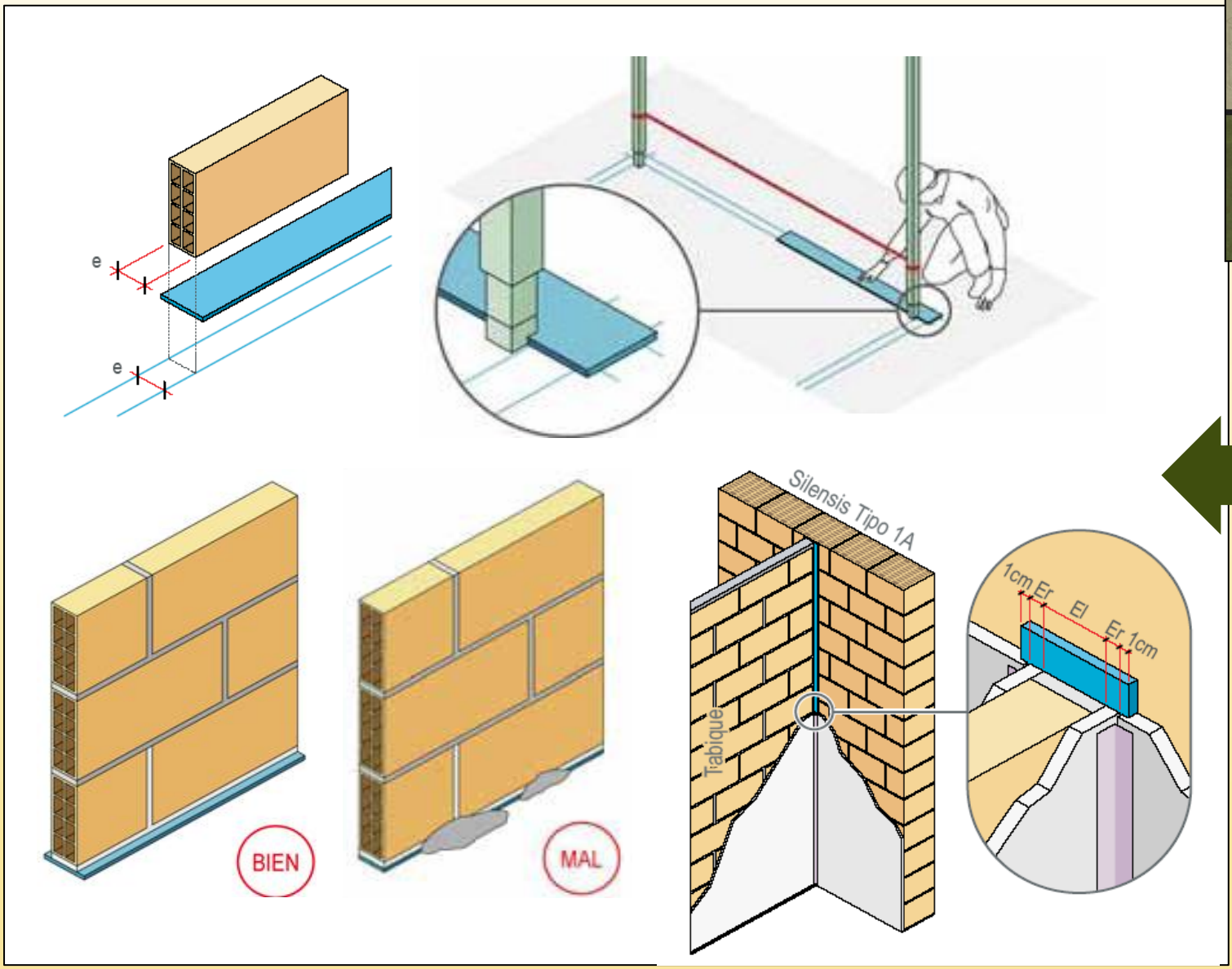
❑ CHAPTER 3 and 4: Construction of the walls

Procedure for wall execution:

1. Horizontal and vertical setting-out.
2. Colocation of the elastic bands.
3. Horizontal adjustment.
4. The start of the wall in the lower floor structure.
5. Execution of the rest of the rows of bricks.
6. Formation of the openings (such as doors, windows, etc.).
7. Execution of the union of the walls with the floor structure, other walls and pillars.
8. Placement of the electric and plumbing facilities.
9. Checks before cladding application.
10. Cladding application.

ASSEMBLY MANUAL OF BRICK WALLS FOR CLADDING

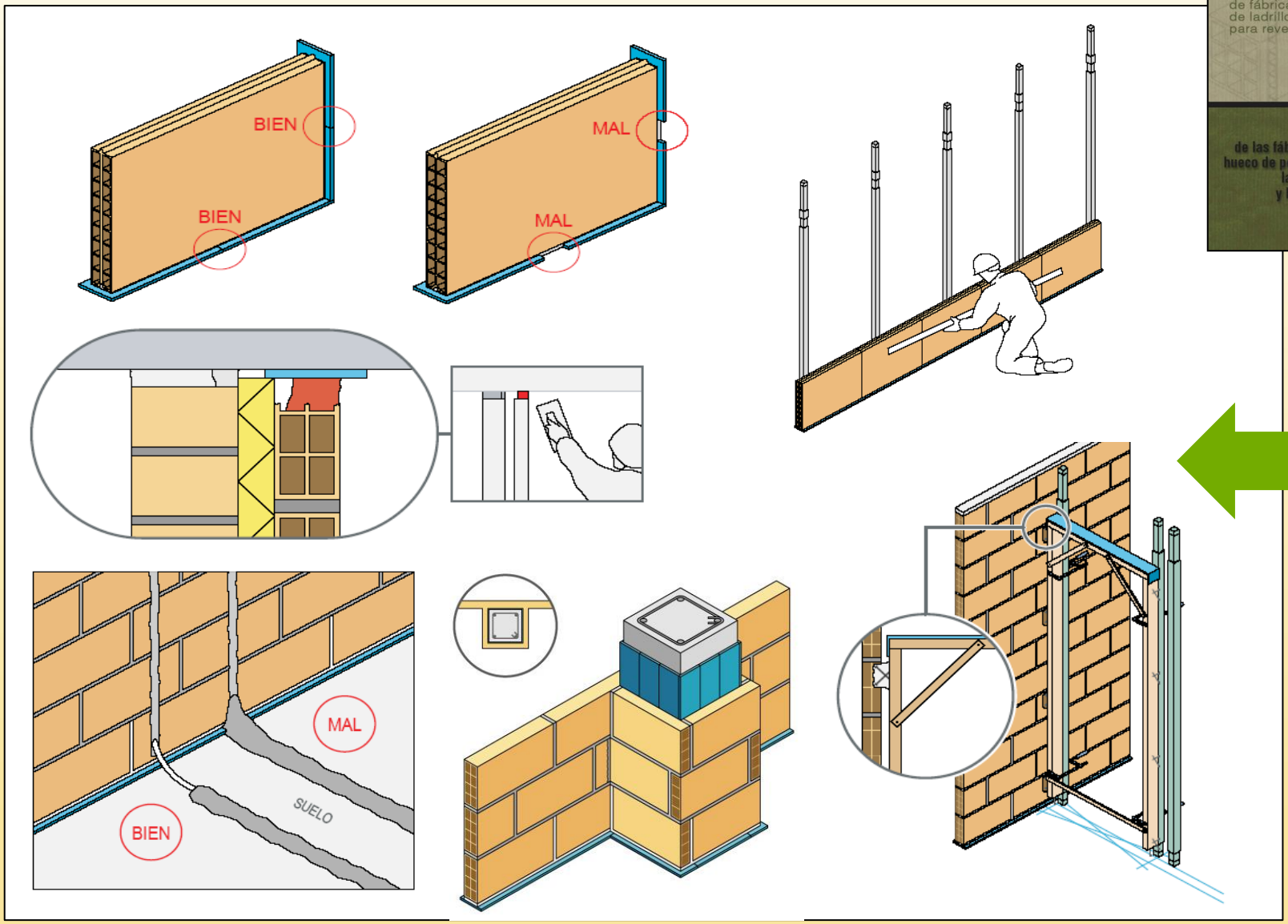
❑ CHAPTER 3 and 4: Construction of the walls



CONSTRUCTION OF WALLS OF SMALL FORMAT BRICKS

ASSEMBLY MANUAL OF BRICK WALLS FOR CLADDING

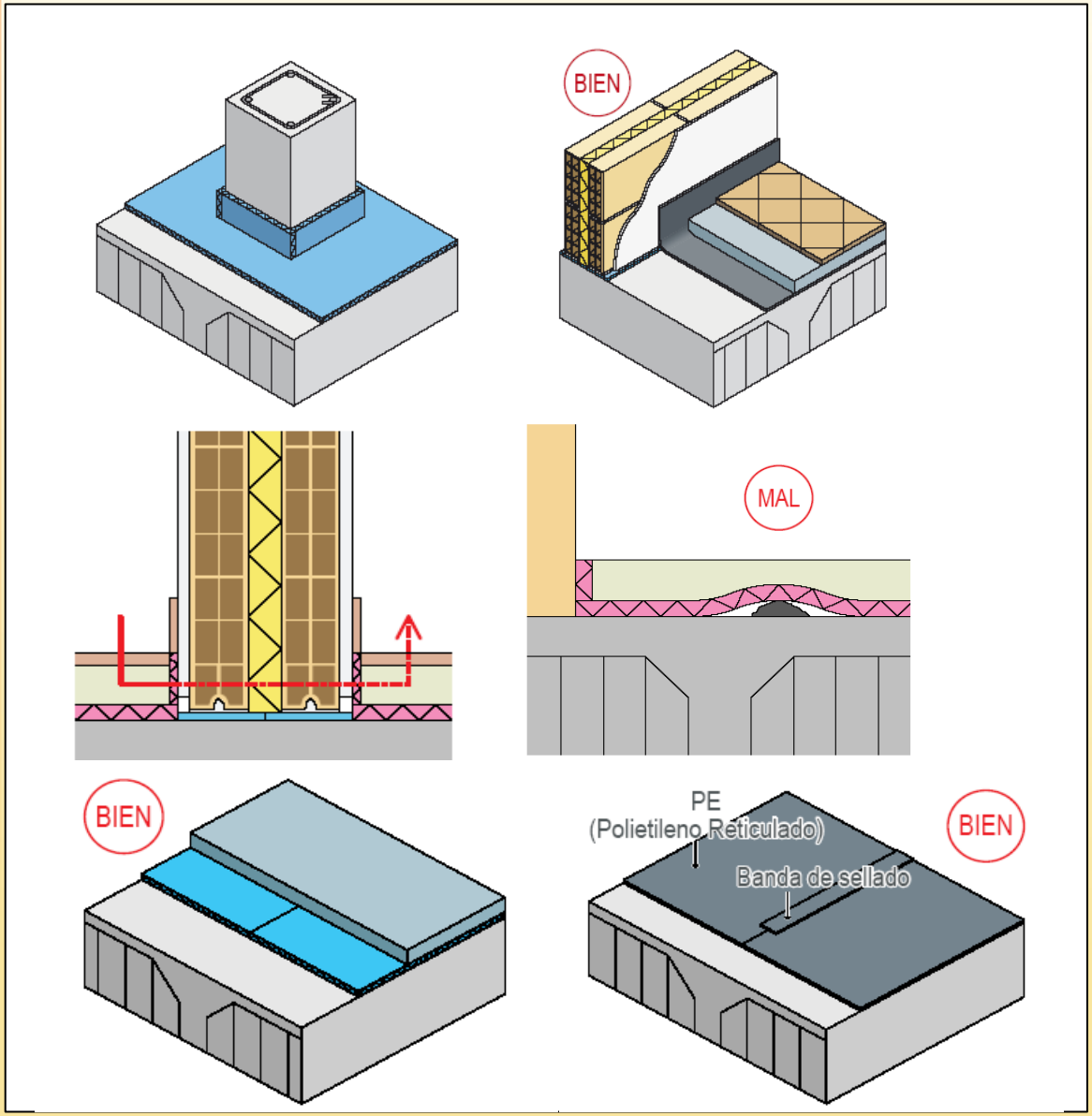
❑ CHAPTER 3 and 4: Construction of the walls

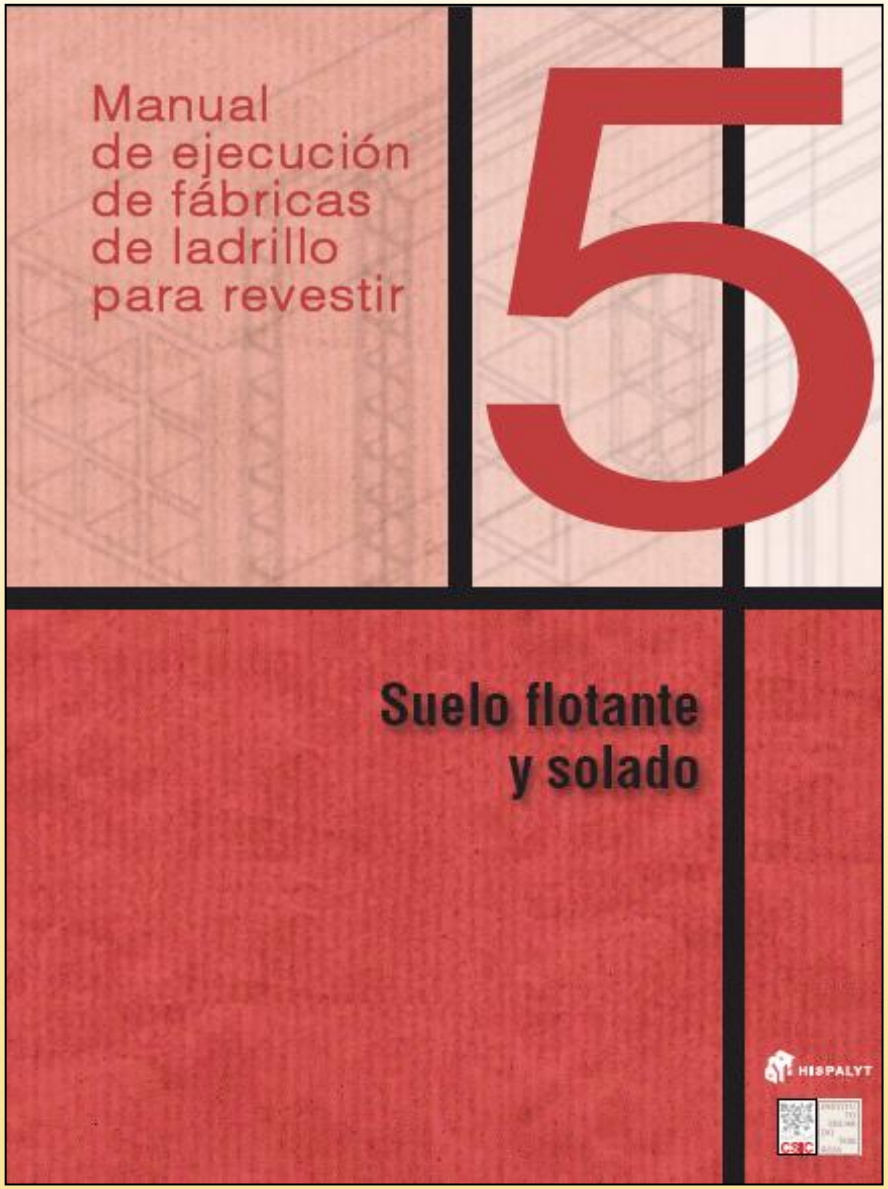


CONSTRUCTION OF LARGE FORMAT HOLLOW BRICK WALLS AND PREFABRICATED CERAMIC AND PLASTER PANELS

ASSEMBLY MANUAL OF BRICK WALLS FOR CLADDING

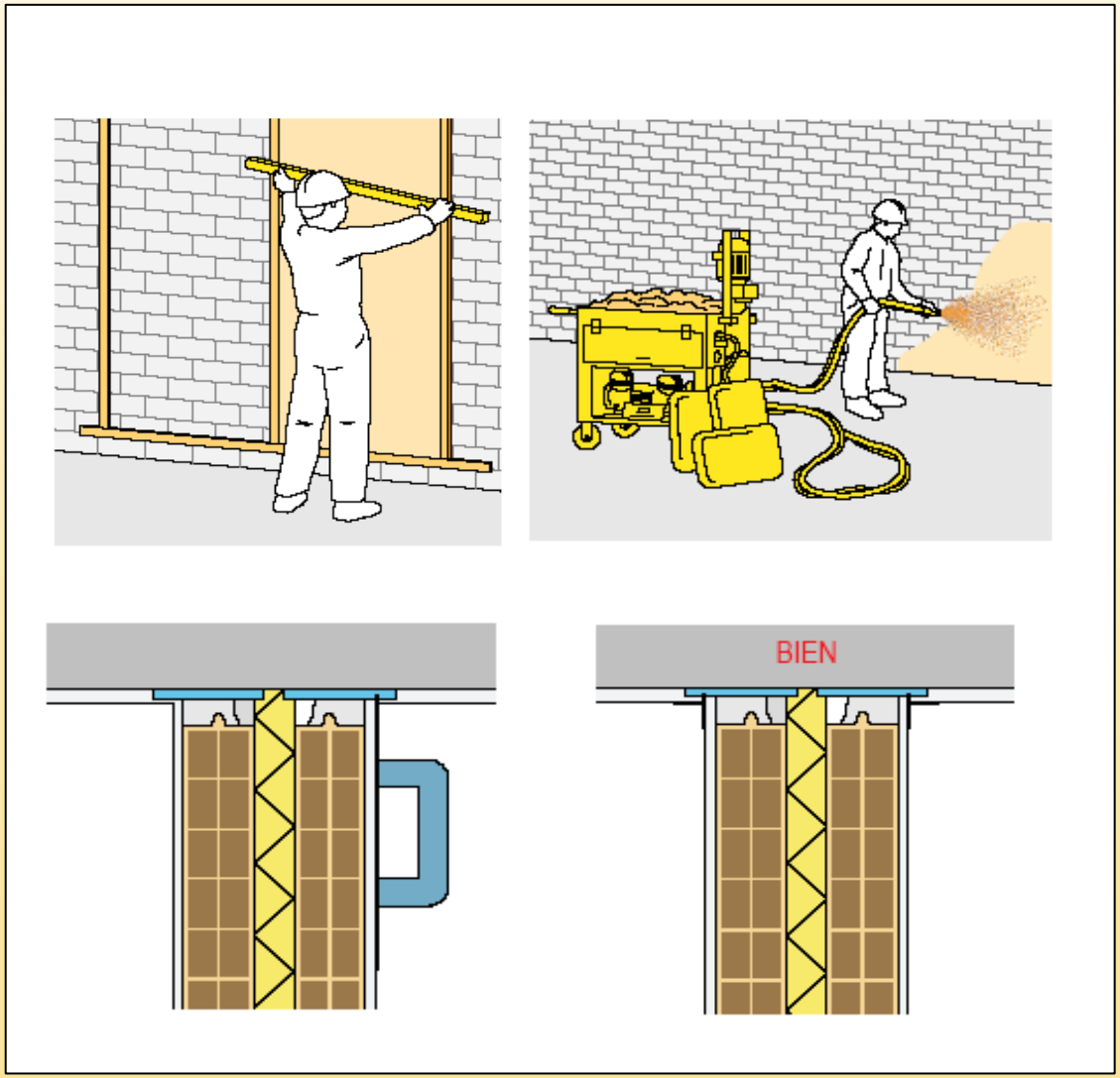
❑ CHAPTER 5: Floating floor and paving

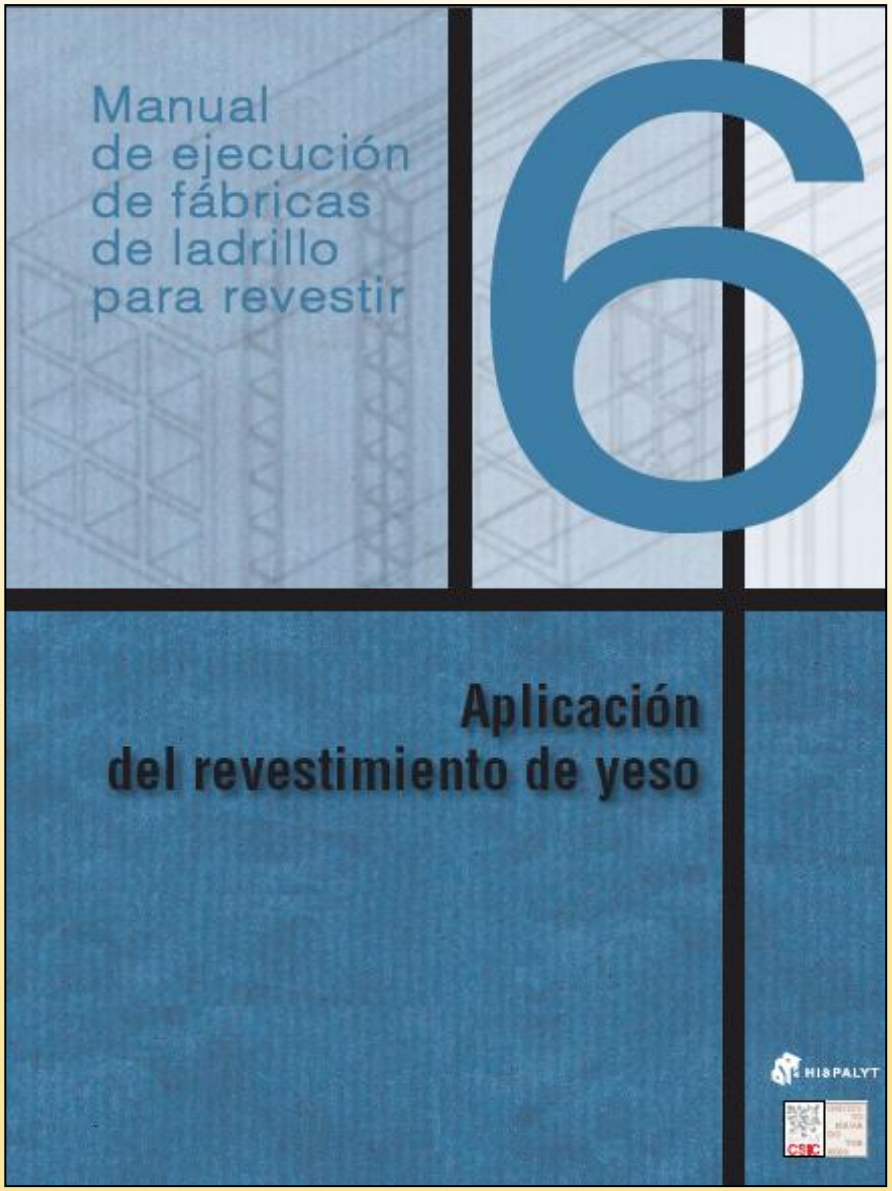




ASSEMBLY MANUAL OF BRICK WALLS FOR CLADDING

❑ **CHAPTER 6: Execution of the plaster coatings. Disconnection of the plaster coating in the walls with elastic bands.**

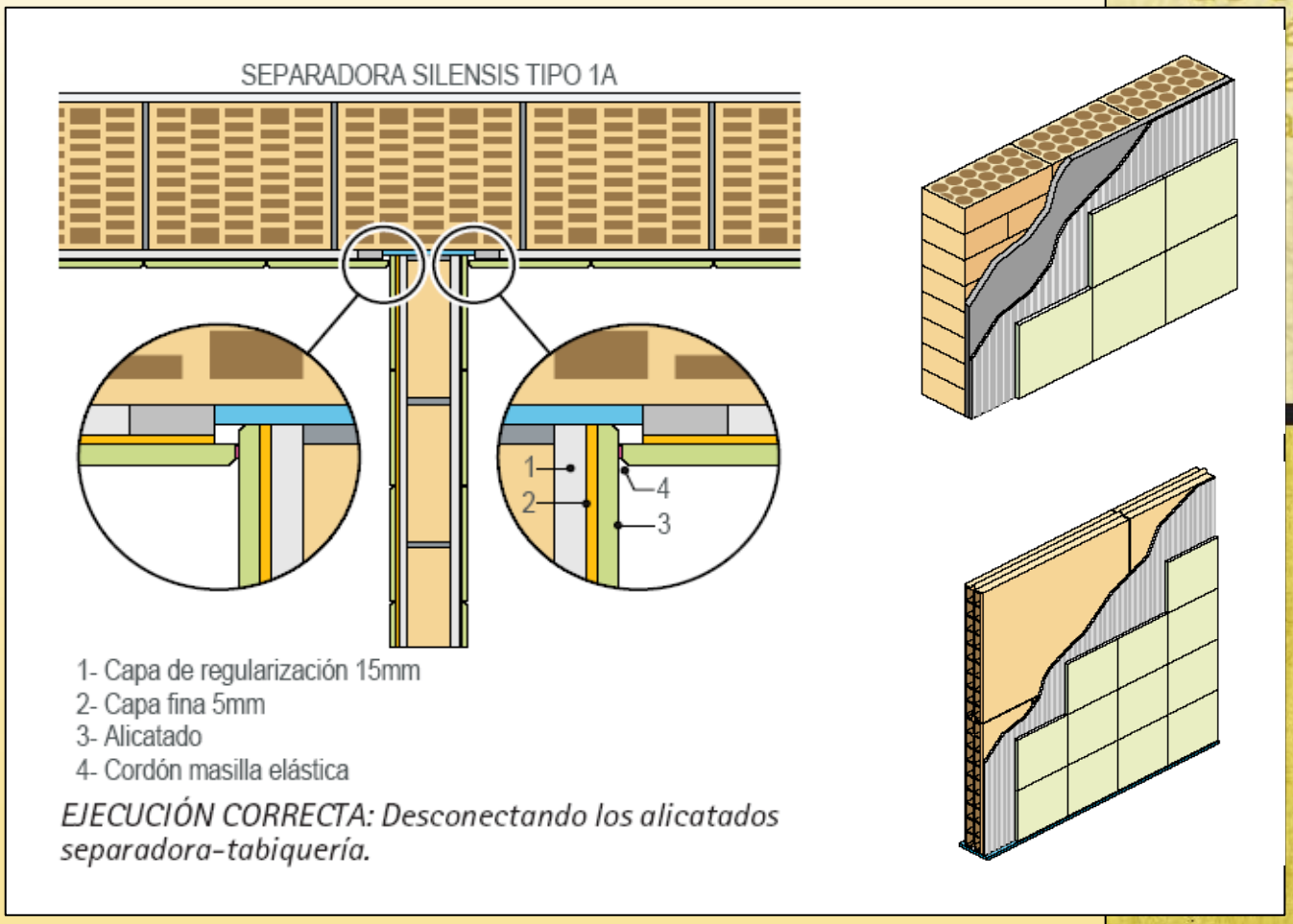


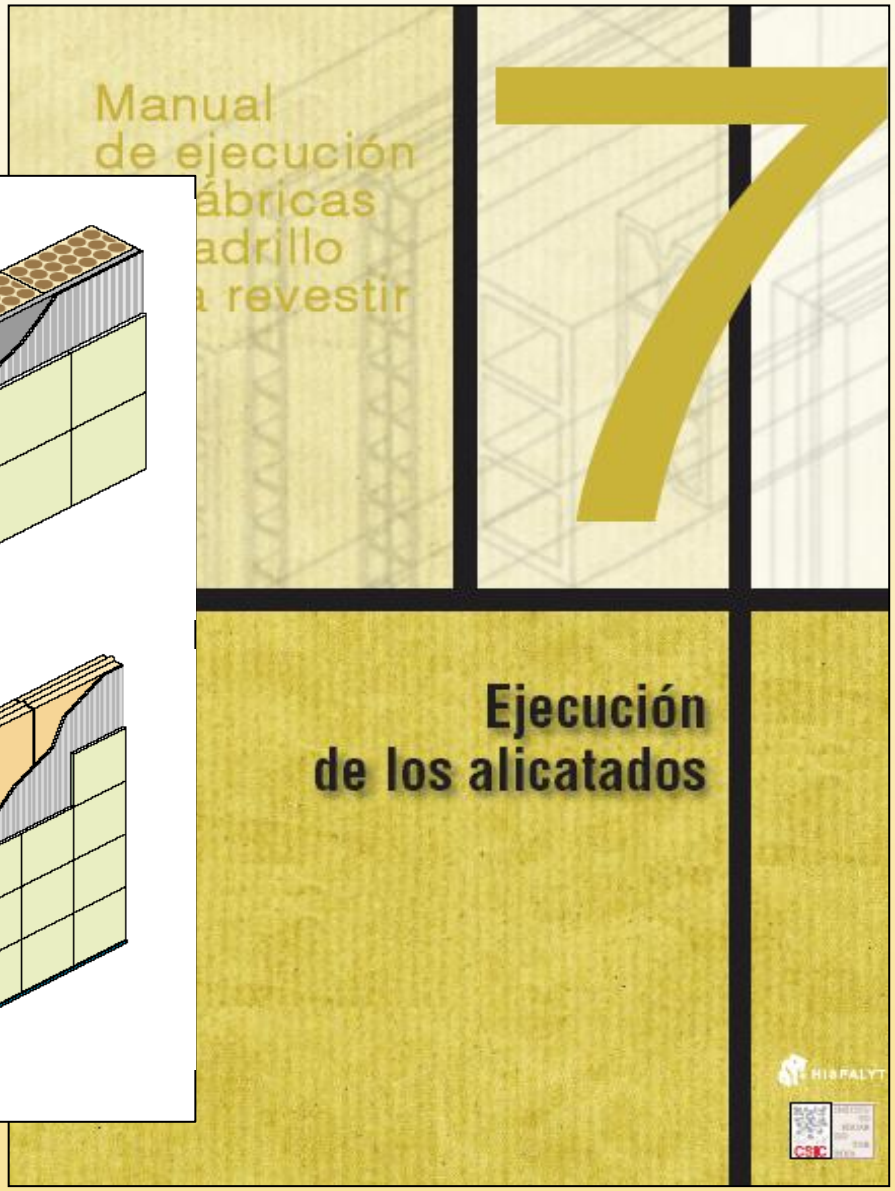


ASSEMBLY MANUAL OF BRICK WALLS FOR CLADDING

❑ CHAPTER 7: Execution of the tilings

Execution of the tilings. Disconnection of the tilings in the walls with elastics bands.





ASSEMBLY MANUAL OF BRICK WALLS FOR CLADDING

HISPALYT
CERÁMICA PARA CONSTRUIR

Puesta en obra de las fábricas de ladrillo hueco gran formato y panel prefabricado de cerámica y yeso

SOLUCIONES SILENSIS PARA CUMPLIR EL DB HR DEL CTE

PAREDES SEPARADORAS				TABIQUES	
1 hoja	2 hojas		3 hojas		
Silensis Tipo 1A	Silensis Tipo 2A	Silensis Tipo 2B	Silensis Tipo 1B		
1 sola hoja pesada apoyada (sin bandas elásticas)	2 hojas ligeras con bandas elásticas perimetrales en ambas hojas y material absorbente en la cámara	1 hoja pesada apoyada con un trasdosado ligero con bandas elásticas perimetrales y material absorbente en la cámara	1 hoja pesada o ligera apoyada con un trasdosado ligero con bandas elásticas perimetrales y material absorbente en la cámara por cada lado	Tabique con banda elástica en la base	Tabique sin banda elástica en la base
Tipo 1 del CTE DB-HR	Tipo 2 del CTE DB-HR		Tipo 1 ó 2 del CTE DB-HR		

COLOCACIÓN DE BANDAS ELÁSTICAS EN PAREDES SEPARADORAS, TABIQUES Y HOJAS INTERIORES DE FACHADA O MEDIANERÍA

	Edificios CON exigencia de aislamiento vertical (edificios en altura)	Edificios SIN exigencia de aislamiento vertical (adosados y unifamiliares)
Silensis Tipo 1A		
Silensis Tipo 2A		
Silensis Tipo 2B		
Silensis Tipo 1B		

Con bandas. Sin bandas.
(F) Apoyos en forjados de tabiques y hojas interiores de fachada.
(S) Uniones con paredes separadoras de tabiques y hojas interiores de fachada.

Puesta en obra de las fábricas de ladrillo hueco gran formato y panel prefabricado de cerámica y yeso

IMPORTANTE

En este folleto se recogen las reglas de ejecución básicas de las soluciones de fábricas de ladrillo hueco gran formato y panel prefabricado de cerámica y yeso englobadas dentro del sistema constructivo Silensis. Tanto las reglas de ejecución, como las soluciones constructivas, en general coinciden para ambos tipos de fábricas. Por ello, en este folleto se hablará casi siempre de fábricas de ladrillo hueco gran formato.

1 Preparación y replanteo

Independientemente de si la fábrica lleva o no lleva bandas elásticas en la base, en el replanteo horizontal se marcará el ancho de la fábrica sin considerar los revestimientos.

Las miras se colocarán correctamente aplomadas y enrasadas con la línea de replanteo. Será necesaria la colocación de una mira en todos los cambios de dirección, delimitando los huecos, y cada 60-80 cm aproximadamente.

2 Dimensiones y colocación de las bandas elásticas

BIEN

BIEN

MAL

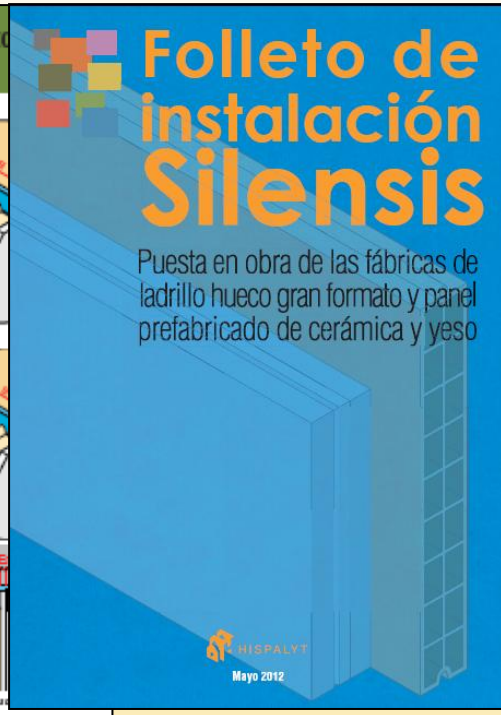
El ancho de las bandas elásticas deberá ser mayor o igual al espesor de la fábrica, garantizándose en todo momento que el ladrillo nova a entrar en contacto con el elemento del cual se quiere desconectar.

En aquellos encuentros en los que se coloquen bandas elásticas y vaya a ser necesaria la desconexión de los revestimientos, la banda elástica deberá tener un ancho suficiente para sobresalir al menos 1 cm con respecto al espesor del revestimiento.

BIEN

MAL

Las bandas elásticas se deben adherir con pegamento escayola al elemento



SILENSIS INSTALLATION BROCHURES

HISPALYT
CERÁMICA PARA CONSTRUIR

silensis
Paredes de Ladrillo

HISPALYT
CERÁMICA PARA CONSTRUIR

Puesta en obra de las fábricas de ladrillo hueco gran formato y panel prefabricado de cerámica y yeso

SOLUCIONES SILENSIS PARA CUMPLIR EL DB HR DEL CTE

PAREDES SEPARADORAS				TABIQUES	
1 hoja	2 hojas		3 hojas		
Silensis Tipo 1A	Silensis Tipo 2A	Silensis Tipo 2B	Silensis Tipo 1B		
1 sola hoja pesada apoyada (sin bandas elásticas)	2 hojas ligeras con bandas elásticas perimetrales en ambas hojas y material absorbente en la cámara	1 hoja pesada apoyada con un trasdosado ligera con bandas elásticas perimetrales y material absorbente en la cámara	1 hoja pesada o ligera apoyada con un trasdosado ligera con bandas elásticas perimetrales y material absorbente en la cámara por cada lado	Tabique con banda elástica en la base	Tabique sin banda elástica en la base
Tipo 1 del CTE DB-HR	Tipo 2 del CTE DB-HR		Tipo 1 ó 2 del CTE DB-HR		

COLOCACIÓN DE BANDAS ELÁSTICAS EN PAREDES SEPARADORAS, TABIQUES Y HOJAS INTERIORES DE FACHADA O MEDIANERÍA

	Edificios CON exigencia de aislamiento vertical (edificios en altura)	Edificios SIN exigencia de aislamiento vertic (adosados y unifamiliares)
Silensis Tipo 1A		
Silensis Tipo 2A		
Silensis Tipo 2B		
Silensis Tipo 1B		

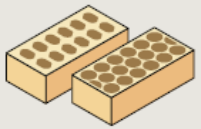
Con bandas. Sin bandas.
(F) Apoyos en forjados de tabiques y hojas interiores de fachada.
(S) Unianes con paredes separadoras de tabiques y hojas interiores de fachada.

3

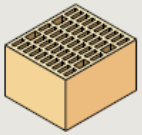
Puesta en obra de las fábricas de ladrillo hueco pequeñ formato, ladrillo perforado y bloque cerámico

IMPORTANTE

En este folleto se recogen las reglas de ejecución básicas de las soluciones de fábricas ladrillo hueco de pequeño formato, ladrillo perforado y bloque cerámico que se deben seguir para garantizar el buen funcionamiento de todas las soluciones englobadas dentro del sistema constructivo Silensis.

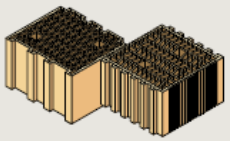


Piezas de ladrillo perforado y aligerado.



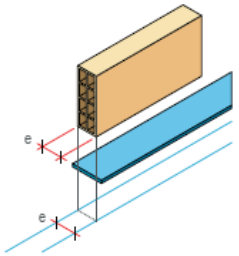
Pieza de bloque cerámico perforado.

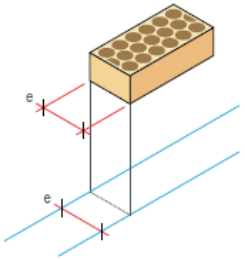
Las reglas de ejecución específicas para el montaje de las fábricas de bloque cerámico machihembrado verticalmente no se desarrollan en este folleto por estar recogidas en varios manuales y publicaciones desarrolladas por el Consorcio Termoarcilla (www.termoarcilla.com).



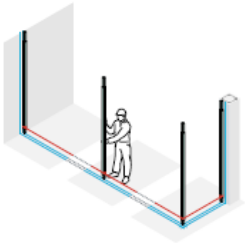
Termoarcilla ECO. Termoarcilla tradicional.

1 Preparación y replanteo



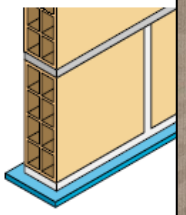


Independientemente de si la fábrica lleva o no lleva bandas elásticas en la base, en el replanteo horizontal se marcará el ancho de la fábrica sin considerar los revestimientos.



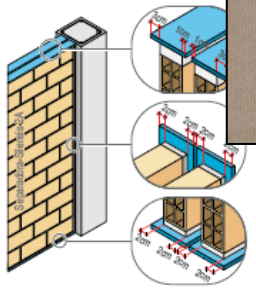
Las miras se colocarán correctamente aplomadas y enrasadas con la línea de replanteo. Será necesaria la colocación de una mira en todos los cambios de dirección, encuentros con otras fábricas o elementos constructivos y delimitando los huecos. En algunos casos, debido a la gran longitud de la fábrica, puede ser necesario intercalar miras intermedias.

2 Dimensiones y colocac de las bandas elásticas



La banda elástica sobresale 2 cm a cad lado del tabique.

El ancho de las bandas elásticas debe ser mayor que el espesor de la fábric sin revestir, garantizándose en todo momento que el ladrillo no va a entr en contacto con el elemento constructivo del cual se quiere desconectar.



En las paredes separadoras Silensis con bandas elásticas perimetrales se recomienda que el ancho de las bandas elásticas sea al menos 4 cm mayor que el espesor de la fábrica sin revestir, de tal modo que la banda elástica sobresalga:
- En la base y en los laterales: 2 cm a cada lado de la fábrica.
- En la cima: 3 cm hacia el exterior y 1 cm hacia el interior.

4

Folleto de instalación Silensis

Puesta en obra de las fábricas de ladrillo hueco pequeño formato, ladrillo perforado y bloque cerámico

HISPALYT

Mayo 2012

VIDEO OF SILENSIS WALLS CONSTRUCTION

FULL VIDEO** (40 min) **AND VIDEO BY BLOCKS

5 BLOCKS:

1.- Presentation of the Silensis System(12 min)
2.- Executions rules (18 min)
3.- Slots to place the facilities (2 min)
4.- Application of the plaster coating (9 min)
5.- Floating floor and paving (1min 30 seg)

RECOPILATORY BLOCK:

This block includes the blocks 2, 3, 4 and 5.

Developed:

HISPALYT CERÁMICA PARA CONSTRUIR

NRG MARKETING

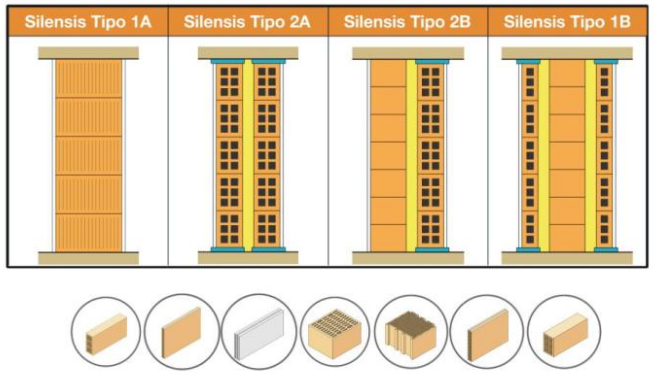
Subsidized by:

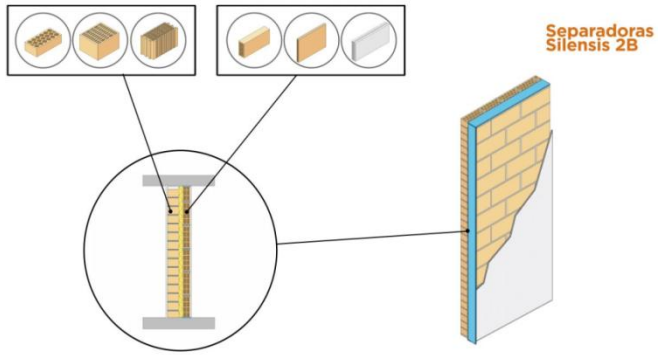
ASOCIACIÓN REGIONAL DE TEJAS Y LADRILLOS DE CASTILLA LA MANCHA TLT

Castilla-La Mancha
Consejería de Ordenación del Territorio y Vivienda

VIDEO OF SILENSIS WALLS CONSTRUCTION

CONTAINS:

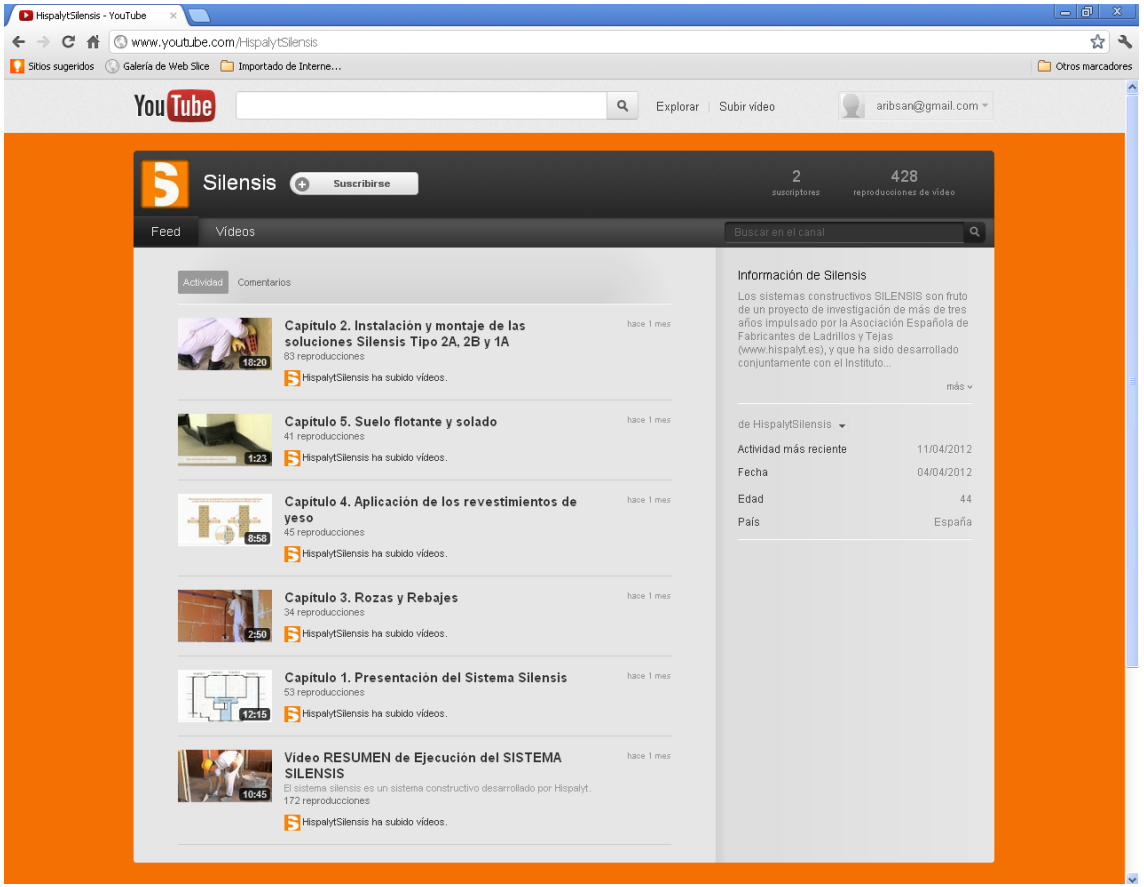




El sistema Silensis garantiza el cumplimiento del DB HR del CTE

VIDEO OF SILENSIS WALLS CONSTRUCTION

YouTube Canal SILENSIS



SILENSIS DVD

HISPALYT
CERÁMICA PARA CONSTRUIR

NRG MARKETING

CONTAINS:

**** Ceramics Solutions Catalogue for compliance with the CTE and Silensis Tool software***

- Ceramics Solutions Catalogue for compliance with the CTE
- Construction details library
-Silensis Tool Software

**** Partitions and Walls***

- Silensis Presentation
- Silensis Brochure : assembly instructions for installers
- Manual execution brick walls to coat
- Silensis Videos
- Application of CTE DB SE-F to a structure with brick load-bearing walls
- Calculation Program of brick walls and Termoarcilla walls
- Mechanical behaviour of Silensis ceramic brick walls
- Silensis Brochure for promoters and builders

**** Article -Technical 40 Conarquitectura- BALI Project: "Systems and Building Healthy and Efficient Acoustically"***

**** Clay pavers***

- Manual of the use of ceramic paver
- Paving catalogue

**** Ceramic tiles***

- Manual for the design and implementation of ceramics tiles
- Design guide and execution of dry cover with ceramic tiles
- Brochure of ceramic tiles

SILENSIS DVD

HISPALYT
CERÁMICA PARA CONSTRUIR

NRG MARKETING

CONTAINS:

**** Ceramic boards***
- Brochure of boards
**** Floor structure***
- Uniceram, ceramic floor for one-way structure
- Brochure floor structure
- Brochure Uniceram
**** Ceramic Facing Bricks***
- Manual execution of facades of facing brick
- Technical Article No. 25 Conarquitectura: System Structura: self-supporting facades of facing brick
- Technical Article No. 20 Conarquitectura: Walls behaviour to lateral loads
- Technical Article No. 40 Conarquitectura- Project -Technical BALI: "Acoustically Efficient Building Systems and Health"
- Brochure facing brick
- Presentation Structura
**** Termoarcilla consortium***
- Guide to use of the Termoarcilla Block
- Implementation of the CTE to a structure with a load-bearing walls of Termoarcilla block
- Training course for installers of Termoarcilla block
- Brochure of installation of Termoarcilla block
- Technical Article No. 26 Termoarcilla ECO
- BrochureTermoarcilla consortium

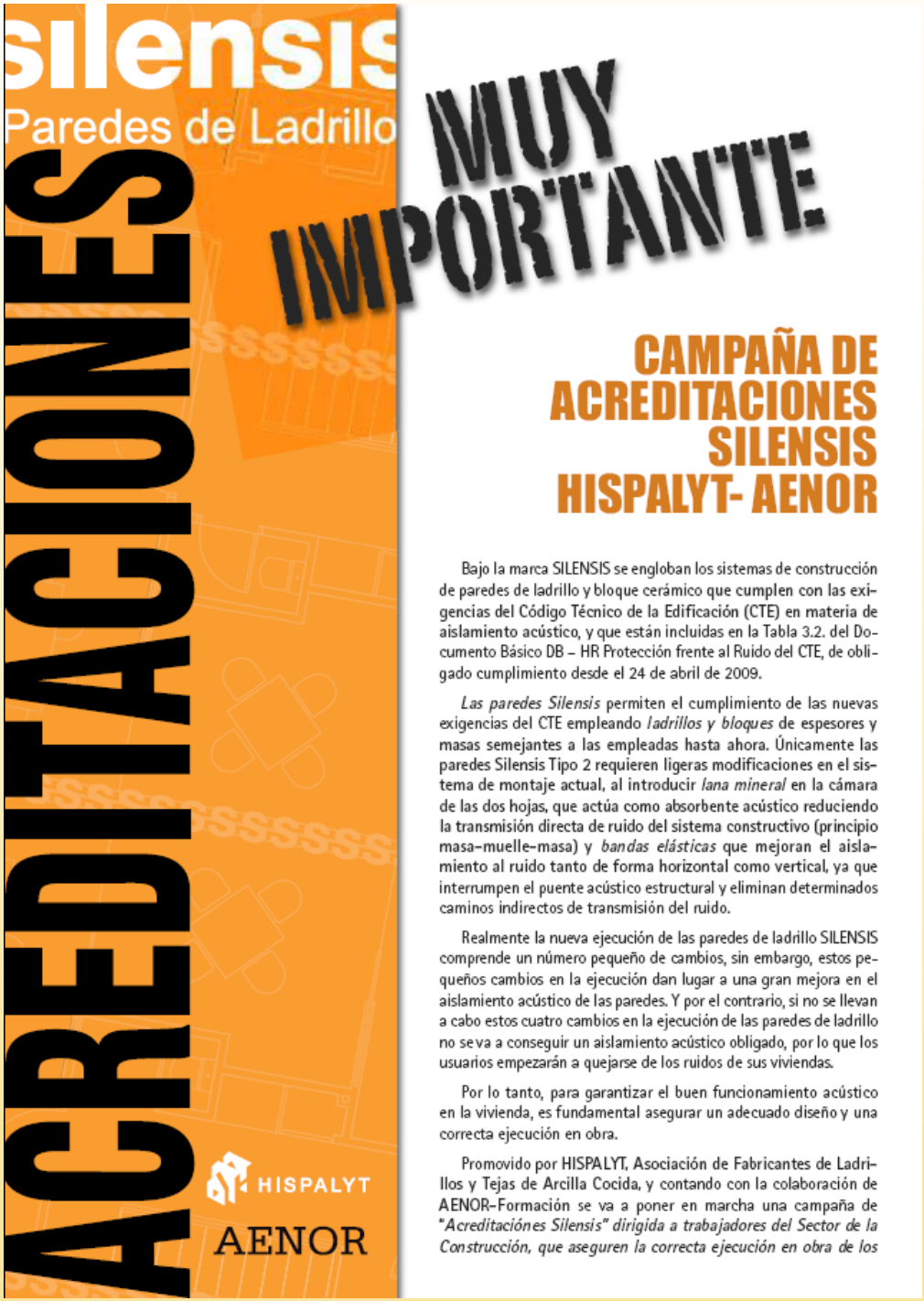
Silensis Accreditations

Promoted by HISPALYT, with the collaboration of AENOR, the "Accreditation Silensis" campaign has been launched. It addresses workers of the construction sector, who ensure the correct execution of the Silensis constructive system.

With these accreditations Hispalyt contributes to proffesional development of building workers, training them for the normative change.

Levels of accreditations:

- ***SILENSIS INSTALLER***
- ***SILENSIS ASSEMBLY STAFF***
- ***SILENSIS SUPERVISOR***
- ***SILENSIS MANAGERS***



Silensis Accreditations

SILENSIS INSTALLER:

Trained for proper execution of Silensis walls.

• ***Addressed to:*** *installers, bricklayers*.

SILENSIS SITE FOREMAN:

Trained to supervise proper execution of Silensis walls.

• ***Addressed to:*** *Site foreman*.

SILENSIS SUPERVISOR :

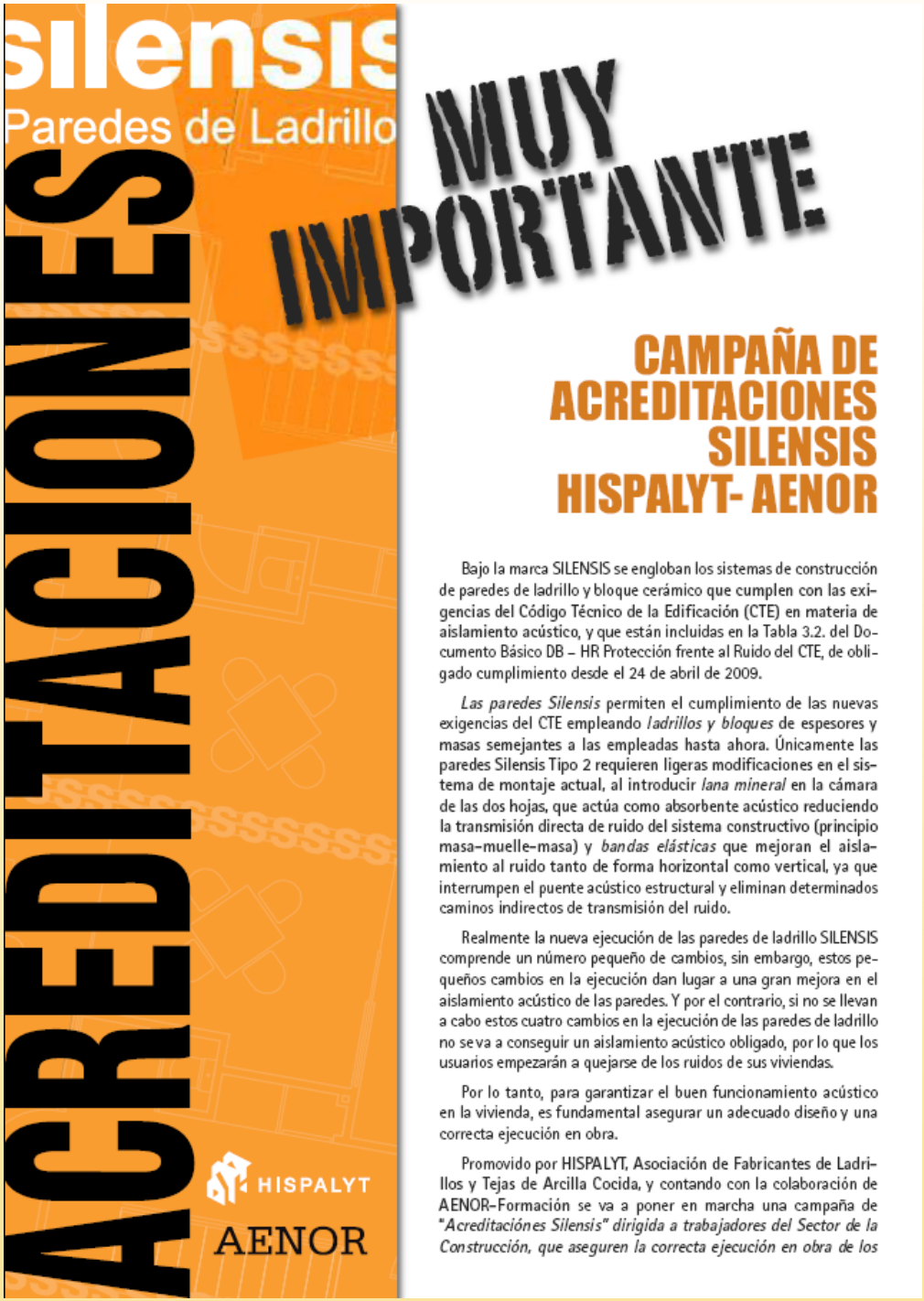
Trained to supervise the proper design and execution of the projects usingSilensis walls.

• ***Addressed to:*** Site manager.

SILENSIS TECHNICAL ADVISOR :

Trained to give advice and support regarding the design and execution of the projects carried out using Silensis walls.

• ***Addressed to:*** Architects, engineers and technicians interested in advising in the design and execution of the Silensis constructive system.



05. Constructive process and new publications by Hispalyt
05.4 Training and accreditations

www.silensis.es/reportaje.asp?id_rep=272

Sitios sugeridos | Galería de Web Slice | Importado de Interne... | Otros marcador

Confort Vital
silensis
Paredes de Ladrillo

Proyecta el silencio

www.silensis.es

todo lo que necesita saber sobre SILENSIS

escribir palabra para buscar | Buscar

- SILENSIS
  - Presentación
  - Ventajas
  - Fabricantes
- INFORMACIÓN TÉCNICA
  - Sistema Silensis
  - Herramienta Silensis
  - Certificado Silensis
  - Video de ejecución Silensis y Puesta en obra
  - Biblioteca de detalles Silensis
  - Documentación Técnica
  - Manual de ejecución de fábricas de ladrillo para revestir
  - Folleto de Instaladores
  - Ponencia Silensis - Puesta en Obra
- CATÁLOGO SOL. CERÁMICAS
  - Introducción
  - Catálogo y detalles constructivos
  - Dossier Informativo Catálogo y Herramienta Silensis
- ASESORAMIENTO
  - Consultas
- CTE
  - DB-HR del CTE
- MATERIALES
  - Materiales Silensis
  - Fabricantes material cerámico
  - Fabricantes de materiales complementarios
- ACTUALIDAD SILENSIS
  - Noticias
  - Jornadas realizadas
- ACREDITACIONES SILENSIS
  - Acreditaciones Silensis
  - Obtención Acreditaciones
- EMPRESAS INSTALADORAS
  - Empresas Instaladoras Acreditadas

> Inicio > Acreditaciones Silensis

Acreditaciones Silensis

Promovido por **HISPALYT, Asociación de Fabricantes de Ladrillos y Tejas de Arcilla Cocida**, y contando con la colaboración de **AENOR-Formación** se va a poner en marcha una campaña de "**Acreditaciónes Silensis" dirigida a trabajadores del Sector de la Construcción, que aseguren la correcta ejecución en obra de los Sistemas Constructivos Cerámicos DB-HR Silensis**".

Con estas acreditaciones, Hispalyt colabora al desarrollo profesional de los trabajadores del Sector y les capacita para su adaptación al cambio normativo.

Se han establecido los siguientes niveles de Acreditación que reconocerán la capacitación del interesado en el desarrollo de su actividad profesional:

Colocador Silensis	acceda a Requisitos Técnicos	acceda a Temario exámenes
Encargado Silensis	acceda a Requisitos Técnicos	acceda a Temario exámenes
Supervisor Silensis	acceda a Requisitos Técnicos	acceda a Temario exámenes
Asesor técnico Silensis	acceda a Requisitos Técnicos	acceda a Temario exámenes

Los Diplomas y Carnés Silensis serán personales, y en ellos figurarán los datos del titular de la acreditación, su DNI, la fecha de expedición y fecha de validez. Además indicarán el nombre de la empresa para la que trabajan (si procede). Una misma persona puede obtener más de una acreditación, pues no son excluyentes entre sí. Es más, las acreditaciones superiores incluyen implícitamente a las inferiores. Esto quiere decir que si por... ensis, imp... do Silensis y Col...

La ... nes Silensis, será efe...

Una ... creditativo que env... xpedido por His...

Las ... asado este per... edes de ladrillos Sile... pruebas cor...

Los ... que incluye la rea... r las pruebas la em...

PROMOTOR

- Estudio sobre la demanda en España
- Beneficios para el promotor
- Folleto para promotores
- Certificado Silensis

ARQUITECTO

- Catálogo Soluciones Cerámicas
- Herramienta Silensis
- Certificado Silensis
- Documentación Técnica
- Cursos de formación para arquitectos

COLOCADOR

- Reglas de ejecución
- Puesta en obra - video de colocación
- Cursos de formación para colocadores

YouTube Canal SILENSIS

accreditations Silensis
INFORMATION ON accreditationS
TECHNICAL REQUIREMENTS
AGEND OF THE EXAMS

05. Constructive process and new publications by Hispalyt
05.4 Training and accreditations

www.silensis.es/frmAcreditacion.asp?id_cat=75

Sitios sugeridos | Galería de Web Slice | Importado de Interne... | Otros marcador

Confort Vital
silensis
Paredes de Ladrillo

Proyecta el silencio

www.silensis.es

todo lo que necesita saber sobre SILENSIS

escribir palabra para buscar | Buscar

- SILENSIS
  - Presentación
  - Ventajas
  - Fabricantes
- INFORMACIÓN TÉCNICA
  - Sistema Silensis
  - Herramienta Silensis
  - Certificado Silensis
  - Video de ejecución Silensis y Puesta en obra
  - Biblioteca de detalles Silensis
  - Documentación Técnica
  - Manual de ejecución de fábricas de ladrillo para revestir
  - Folleto de Instaladores
  - Ponencia Silensis - Puesta en Obra
- CATÁLOGO SOL. CERÁMICAS
  - Introducción
  - Catálogo y detalles constructivos
  - Dossier Informativo Catálogo y Herramienta Silensis
- ASESORAMIENTO
  - Consultas
- CTE
  - DB-HR del CTE
- MATERIALES
  - Materiales Silensis
  - Fabricantes material cerámico
  - Fabricantes de materiales complementarios
- ACTUALIDAD SILENSIS
  - Noticias
  - Agenda
  - Jornadas realizadas
- ACREDITACIONES SILENSIS
  - Acreditaciones Silensis
  - Obtención Acreditaciones
- EMPRESAS INSTALADORAS
  - Presentación
  - Empresas Instaladoras Acreditadas

> Inicio > Acreditaciones Silensis > Obtención Acreditaciones

Obtención Acreditaciones

Si desea obtener una Acreditación Silensis, por favor siga los pasos indicados a continuación:

1. Deber rellenar el Paso 1 con sus datos que serán enviados a Hispalyt.
2. En el Paso 2 debe descargarse el Boletín de inscripción, rellenarlo y mandarlo a AENOR.
Gracias.

PASO 1 Rellena los datos para HISPALYT

Nombre y Apellidos
Cargo/Profesión
Empresa
Teléfono
Correo electrónico
He leído y acepto la **Política de Privacidad**
Deseo recibir el Boletín Electrónico de Hispalyt

Enviar

Para poder pasar al PASO 2 y rellenar la solicitud de inscripción, debes haber enviado tus datos a Hispalyt (Paso1). Gracias.

PASO 2 ...ción para AENOR

...citud de inscripción.
...ándala por:
...on@aenor.es
...32
...énova 6 28004

Obtaining the accreditations
APPLICATION FOR THE EXAMS

PROMOTOR

- Estudio sobre la demanda en España
- Beneficios para el promotor
- Folleto para promotores
- Certificado Silensis

ARQUITECTO

- Catálogo Soluciones Cerámicas
- Herramienta Silensis
- Certificado Silensis
- Documentación Técnica
- Cursos de formación para arquitectos

COLOCADOR

- Reglas de ejecución
- Puesta en obra - video de colocación
- Cursos de formación para colocadores

YouTube Canal SILENSIS

Face-to-face training courses on the Silensis constructive system:

Courses addressed to installers and site foremean:

•Courses on construction of the the Silensis constructive system (24 h)

*** Free courses through:**

- **Fundación Laboral de la Construcción (FLC).**

(Courses in all regional offices of the Fundación Laboral de la Construcción)

- **Hispalyt Grouping for subsidized training.**

Courses addressed to technicians (Architects, engineers, etc.):

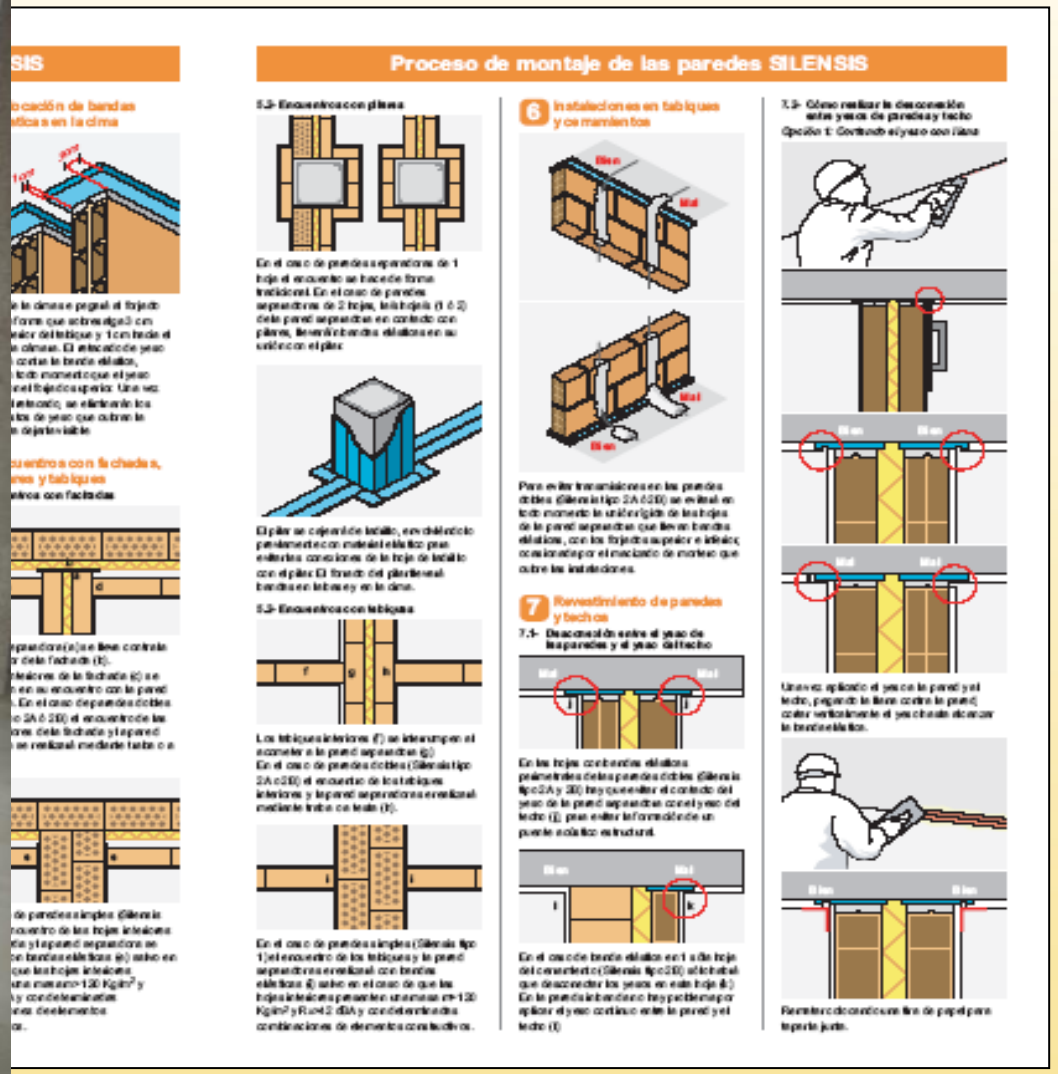
*** Courses on the design and execution of the Silensis constructive system (24 h).**

*** Free courses through:**

- **Hispalyt Grouping for subsidized training.**

Those persons interested in attending Silensis training courses can find all the information www.silensis.es, or contact Hispalyt (Tel: 917 709 480 e-mail: hispalyt@hispalyt.es)


SILENSIS
INSTALLATION
COMPANY


Proceso de montaje de las paredes SILENSIS
6 Instalaciones en tabiques y cerramientos
7 Revestimiento de paredes y techos

"SILENSIS INSTALLATION COMPANY"

- The **"SILENSIS INSTALLATION COMPANY"** have the following own staff trained and accredited to ensure the proper execution of the Silensis construction system:

- **SILENSIS NSTALLER (At least the 30 % of their installers)**
- **SILENSIS SITE FOREMAN (all the site foremen)**
- **SILENSIS SUPERVISOR (At least 1 person)**
- **SILENSIS TECHNICAL ADVISOR (At least 1 person)**

- The **"SILENSIS INSTALLATION COMPANY"** ensures that the execution of the Silensis construction systems is carried out according to the technical specifications given by HISPALYT and takes responsibility on construction of the ceramic walls, the execution of the grooves for facility placement and the application of coatings when they are done by the own staff or by outsourced staff..

- Voluntarily the **"SILENSIS INSTALLATION COMPANY"** may also have the N-AENOR Mark for the installation of the "Silensis Constructive System", for which they must, in addition to have the own personnel trained and accredited, pass some audits of their works successfully .

- The updated list of **"SILENSIS INSTALLATION COMPANY"** can be found in the section "Silensis installation companies" in the Web www.silensis.es.

- Installercompanies interested can contact:

  - "SILENSIS INSTALLATION COMPANY": Hispalyt. Phone: 917709480 or e-mail: hispalyt@hispalyt.es
  - N-AENOR Mark for the installation of the "Silensis Constructive System". D. José Andrés Martínez al Teléfono 914325962 or e-mail: jamartinez@aenor.es