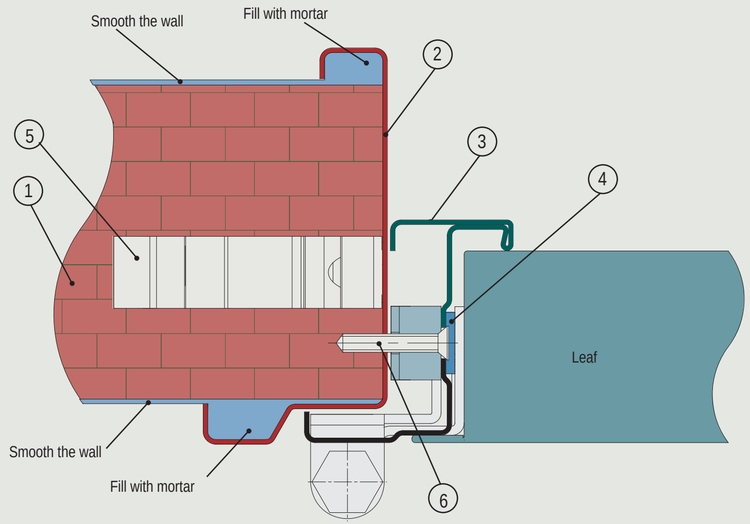
To Rigid Wall

1 . High density rigid wall.
2 . Steel galvanised Sub-Frame.
3. Steel galvanised CS5 frame.
4. Graphite intumescent seal.
5. Steel anchor to fix the sub-frame to the wall.
6. Seel tapping screw Ø 6,3x60 mm DIN 7504P AUT. to screw the frame to the sub-frame.



ADVANTAGES

* Adapted to UNE-EN 1634-1:2010 Standard.
* Brick to brick dimension is saved and respected. Moreover the door is not damaged because it's installed at the last moment
* The door will stands on an independent steel structure

andreu

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DISTRIBUTOR

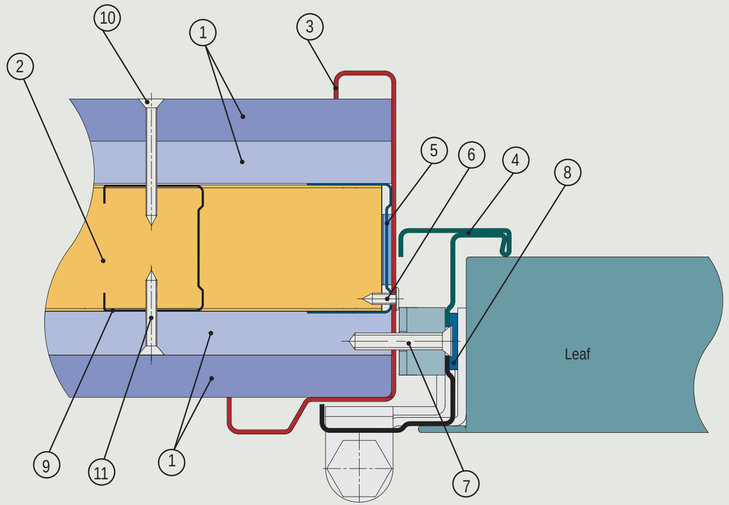
CPA010611

SUB-FRAMES (Wall Covering)

DELTA
TURIA
TURIA PREMIUM
SIGMA

On Plaster Board Wall

1 . Plasterboad panels.
2 . Rockwool (Mineral rockfibre).
3 . Steel Galvanised sub-frame.
4 . Steel Galvanised CS5 frame.
5 . U-Shaped profile.
6 . Sheet metal screw Ø 4,2x13 mm (1/6x ½") extra flat head or DIN 7504N.
7 . Sheet metal screw Ø 6,3x60 mm (¼ x 2") DIN 7504P.
8 . Graphite intumescent joint (Fire Prevention).
9 . U-Shaped Vertical Transom.
10. Self tapping screw Ø 3,9x45 mm (5/32 x 1¾").
11. Self tapping screw Ø 3,9x25 mm (5/32 x 1").



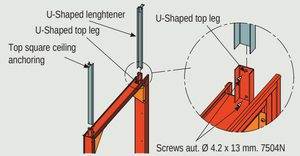
FINISHES

Galvanised Antifinguer | White | Stainless Steel

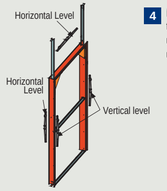
Installation in Flexible Wall (Plasterboard)

1 Cut off the U-Shaped lengthener to fit the Top Anchoring Square to the ceiling.

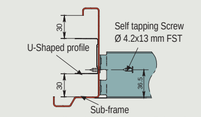
2 Screw the U-Shaped lengthener to the Top U-Shaped Legs of the sub-frame with two Sheet metal screw Ø 4,2x13 mm (1/6 x ½") DIN 7504N.



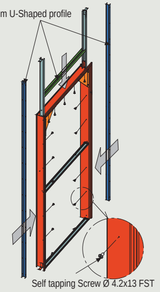
3 Drive the sub-frame to the wall with the U-Shaped lengtheners fastened and level it both vertically and horizontally.



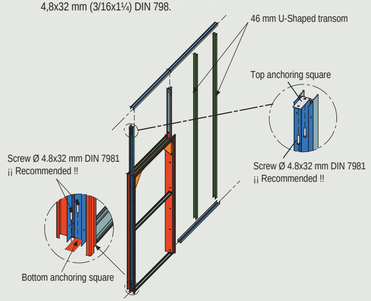
4 Next, bring the U-Shaped profiles of 48 mm (1 7/8") to the sides and top of the sub-frame and screw them to it using 7 screws on each side jamb and 5 on the lintel, use Sheet metal screws Ø 4,2x13 mm (1/6 x ½") FST.



Note: To allow the sub-frame to fit into the lintel, the U-Shaped profiles must be placed with a slack of 30 mm (1 1/6") on each side taken from the cross-section of the sub-frame.

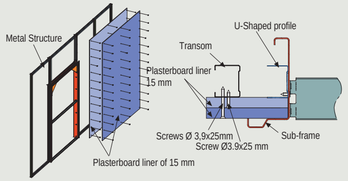


5 Screw or fix the Top & the Bottom Anchoring Squares of the sub-frame to the ceiling and the floor accordingly using the recommended screws Ø 4,8x32 mm (3/16x1¼) DIN 798.

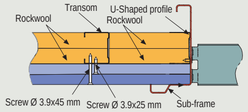


6 Fix the 48 mm (7/8") U-Shaped profiles to the ceiling and the floor, then place the 46 mm vertical transoms . We recommend to use self tapping screws Ø 3,9x25 mm (5/32 x 1"). Rivet the transoms and the profiles.

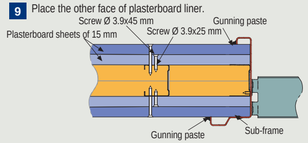
7 Place one side of the plasterboard liner wall on the metal rack. Use two layers of plasteboard (or similar) 15 mm (5/8") thick and self tapping screws Ø 3,9x25 mm (5/32 x 1") & Ø 3,9x45 mm (5/32 x 1¾")..



8 Introduce a layer of rock wool 23 mm (7/8") between the U-Shaped profiles & the transoms.

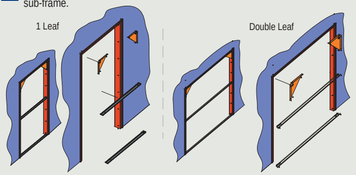


9 Place the other face of plasterboard liner.

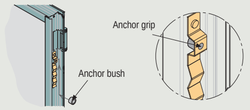


10 Seal the junction between the plasterboard and the sub-frame with gunning paste, cover the holes of the screw heads, etc. Cover the junctions between plates with paper and gunning paste.

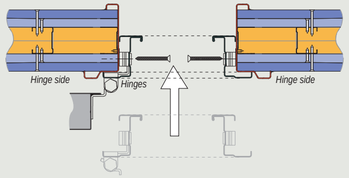
11 Once the wall is dry, remove the girders and the corner fittings from the sub-frame.



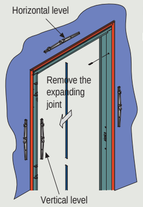
12 Introduce the anchor-bush into the anchor-grip. Mind the position and path according to the figure below.



13 Introduce the doorset into the sub-frame. Place it correctly according to the following figure.



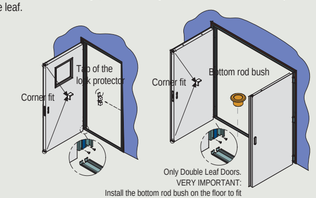
14 Open the leaf or remove it, to screw the frame onto the sub-frame with selftapping screws Ø 6,3x60 mm (¼ x 2") DIN 7504P.



It will bear 4 screws on each side jamb, whose position are marked by the bores on the frame. Level the frame vertically and horizontally. Remove the expanding joint (intumescent seal) from the frame and drill into the four bores of the frame to the sub-frame with a hand drill of Ø 5,25 mm (3/16").

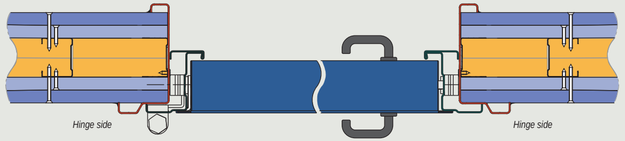
Next attach the frame onto the sub-frame and put-back the expanding joint.

15 Remove the corner fittings, unscrew the girder, tear off the tab on the nylon lock protector and close the leaf.



Only Double Leaf Doors.
VERY IMPORTANT:
Install the bottom rod bush on the floor to fit the bottom rod and prevent door warping.

16 Install the door handles and the door-closer according to the instructions attached to the doorset.

If the assembly instructions have been followed closely, the following slacks shall be observed:

	Turia-Delta	DH Turia
Slack between leaf & frame on the hinge side.	4 mm (± 3 mm)	4 mm (± 3 mm)
Slack between leaf & dintel.	3 mm (± 3 mm)	3 mm (± 3 mm)
Slack between leaf & frame on the lock side.	5 mm (± 3 mm)	-
Slack between leaf & floor.	7 mm (± 3 mm)	7 mm (± 3 mm)
Slack between leaves.		7 mm (± 3 mm)