# maars LIVING WALLS®

# Panorama Slim

# Index

## Panorama Slim

## Intro

- Slim Profiles
- High Acoustics
- Aesthetic
- Room for intolerances

The Panorama Slim. This new version of Panorama offers everything the familiar Panorama wall system offers, with slimmer profiles.

Panorama Slim is a solution where we compromise between a slim profile that meets aesthetics and a profile where there is still room for taking up intolerances.

The profile is nominally deployed at 10mm. With a clearance at the top of 0 - 17 mm and at the bottom of 3mm - 20 mm. With the profiles you can achieve a slim design but also include extreme intolerances in the profiles á system.

The Panorama Slim is a good alternative in 100mm walls. It has slim lining and high acoustics. The Panorama Slim can be combined with standard Panorama details, for example when a sliding door is needed.

The profiles that are used for Panorama Slim, can also be connected with String² with a 0mm joint.

The Panorama Slim, where high aesthetics, acoustics and an easy installation method meet!

## USP's

- Combined with 100mm | 4" walls
  - Connects with String²
  - Connects with 100mm doors like flush glazed doors
- Slim lining
  - Profile height is 35mm | 1"-3/8 top
  - Profile height is 35mm | 1"-3/8 bottom
  - Recess 10mm | 3/8" top and bottom
- High acoustics
  - Tested Rw = 50dB and 51STC
  - with 2x 66a2 acoustical laminated glass
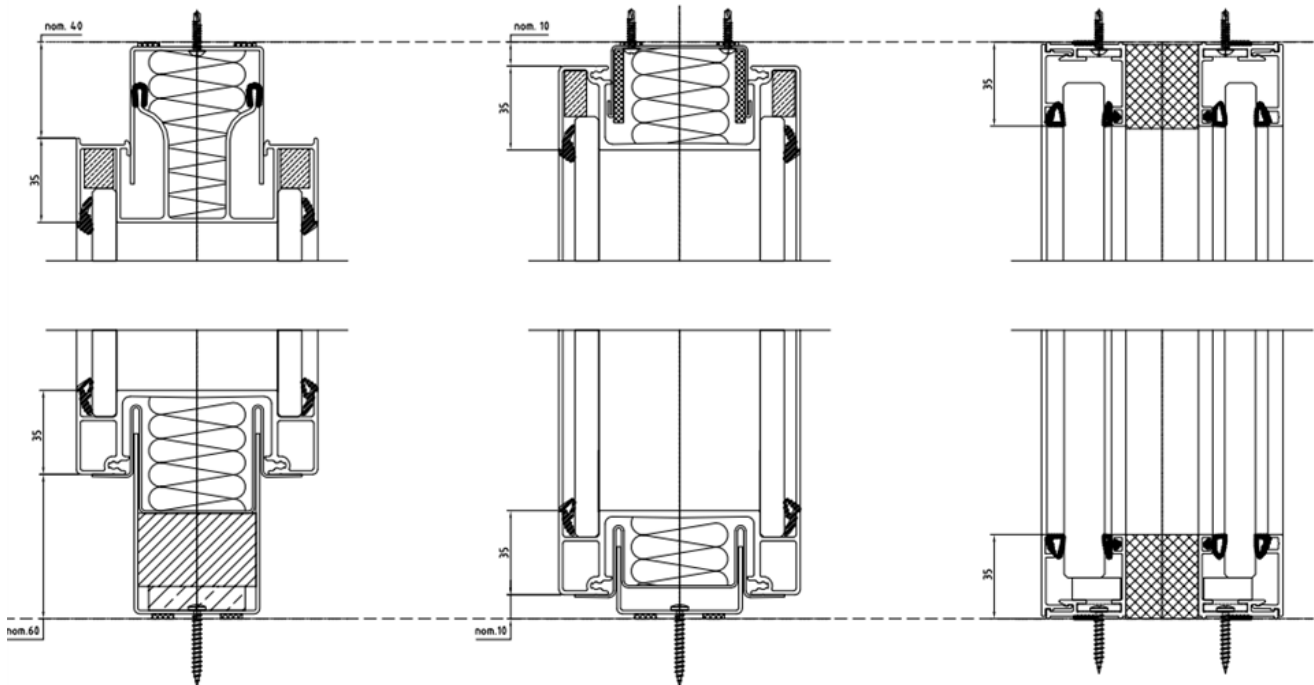- Flexible
  - Combine Slim with standard

## Materials

- Aluminum Panorama profiles top-, bottom- and vertical connections
- Steel U-profiles, top and bottom
- Steel leveling profile, bottom

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## Specifications

- Max wall-height
  - Max. height panel thickness 12mm | 1/2inch: 3400mm | 11'-1"7/8
  - Max. height panel thickness 10mm | 3/8inch: 2800mm | 9'-2"1/4
- Module width 600, 900, 1200mm | 23"5/8, 35"7/16, 47"1/4. (or custom)
- Sound insulation – up to Rw 50db (51 STC) (= 2xacoustical laminated glass 12,8mm)
- Nominal recess 10mm top and bottom
- Tolerances
  - top –10 +7
  - bottom –7 +10

## Compare with Panorama standard and Horizon double



| Panorama standard | Panorama slim | Horizon Double |
|---|---|---|
| Recess ceiling 40mm | 1"-9/16 | Recess ceiling 10mm | 3/8" | - |
| Recess floor 40 / 60mm | 1"-9/16 / 2"-3/8 | Recess floor 10mm | 3/8" | - |
| Profile height 35mm | 1"-3/8 | Profile height 35mm | 1"-3/8 | Profile height 35mm | 1"-3/8 |
| Install tolerances ceiling +/- 13mm | ½" | Install tolerances ceiling -10/ +7mm | -3/8" / +1/4" | Install tolerances ceiling +/- 8mm | 5/16" |
| Install tolerances floor +/- 13mm | ½" | Install tolerances floor -7/ +10mm | -3/8" / +1/4" | Install tolerances floor +/- 8mm | 5/16" |
| Up to 47dB/STC 47 | Up to 50dB/STC 51 | Up to 51dB/STC 51 |
| $$ | $$ | $$$ |

## Connections

Connections within Panorama Slim:

- T- Connections
- 90 degree and other corners
- Endposts

All connections to String² and Metaline100 package are possible. Underneath the overview the consequences per situation.

*Panorama*
- Ceilingtrack < 40mm = slim variable ceilingtrack
- Floortrack < 30mm = slim variable floortrack

*String²/Metaline100*
- Ceilingtrack < 20mm = slim variable ceilingtrack
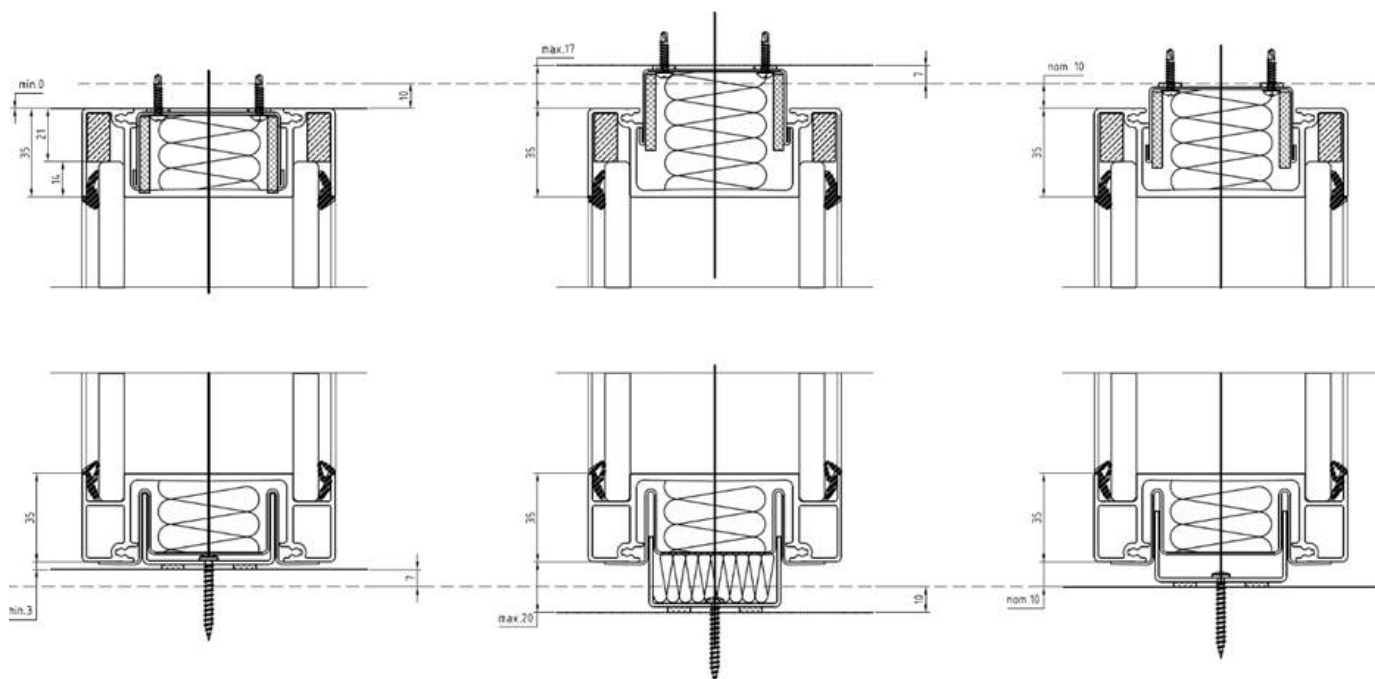- Floortrack < 30mm = slim variable floortrack

## Exceptions

- Only double glazed, not single glazed
- Connections to String² package with 0-Joint. 5mm joints not possible with recess of 10mm.
- Monoblocks can't be combined with (variable) slim ceiling tracks.
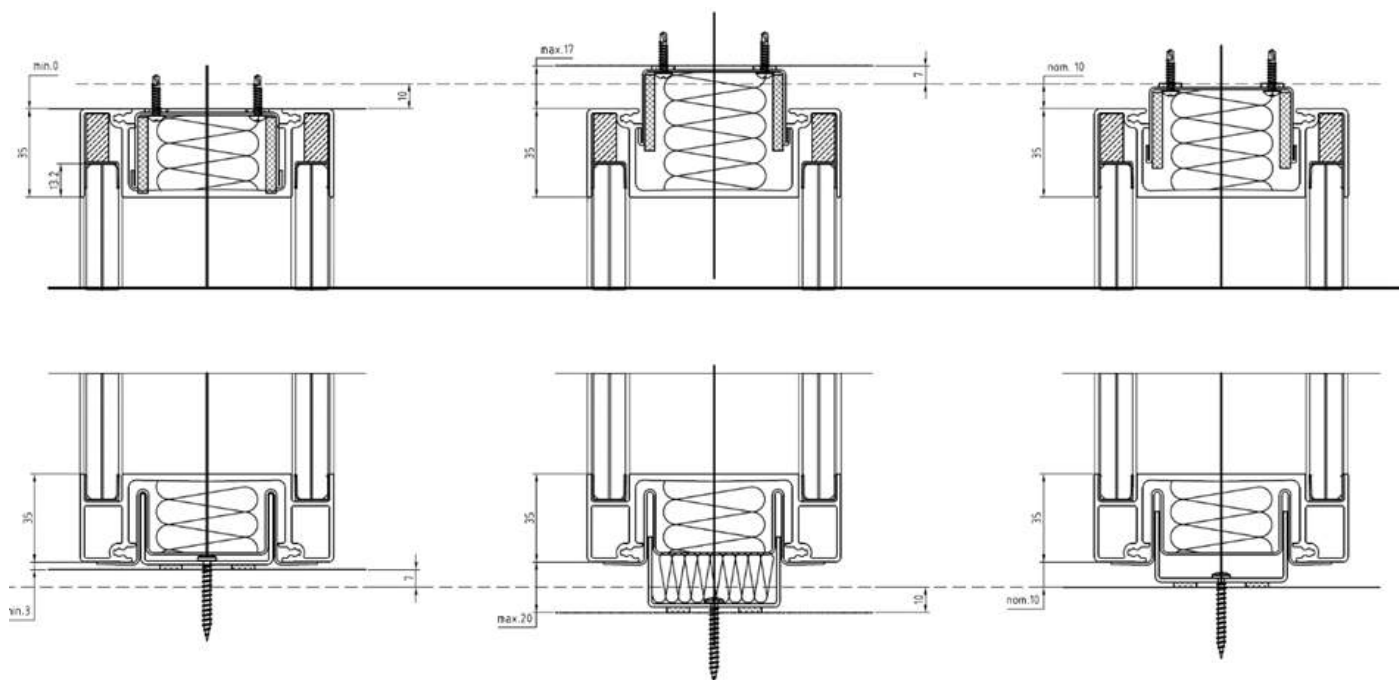- No slidingdoors with Slim ceilingtrack.



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## Technical details

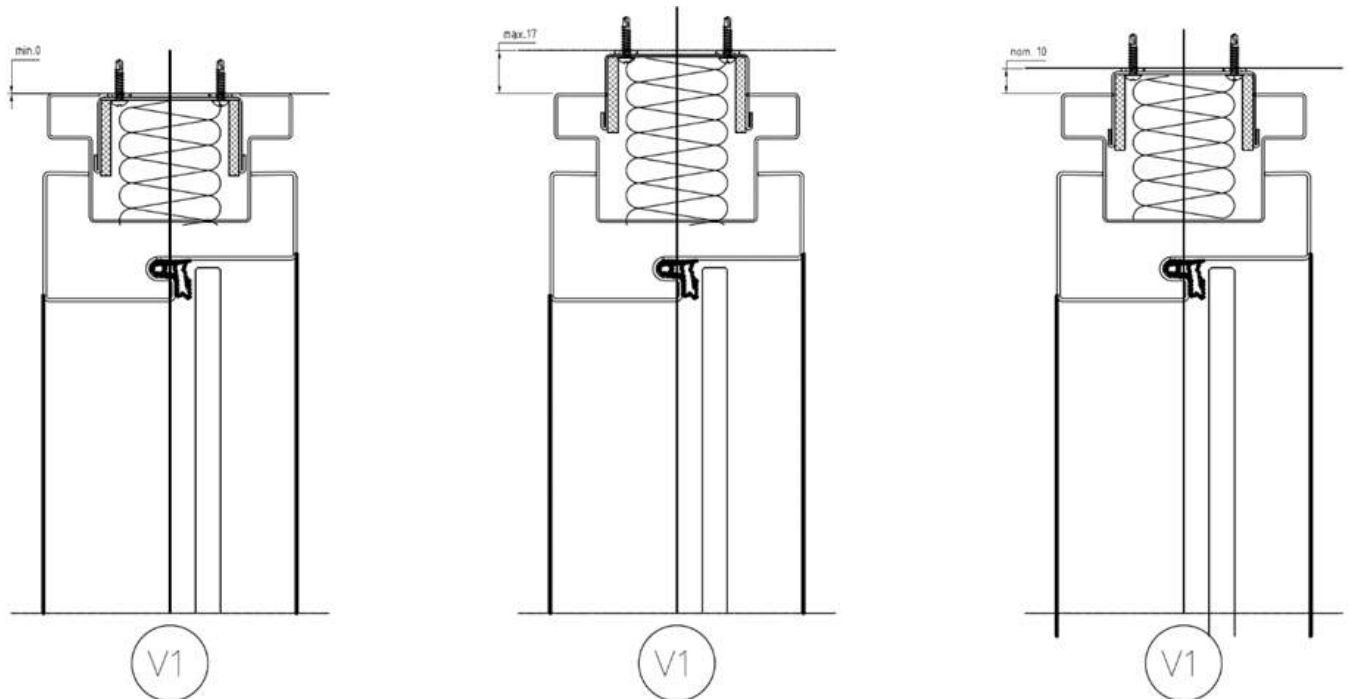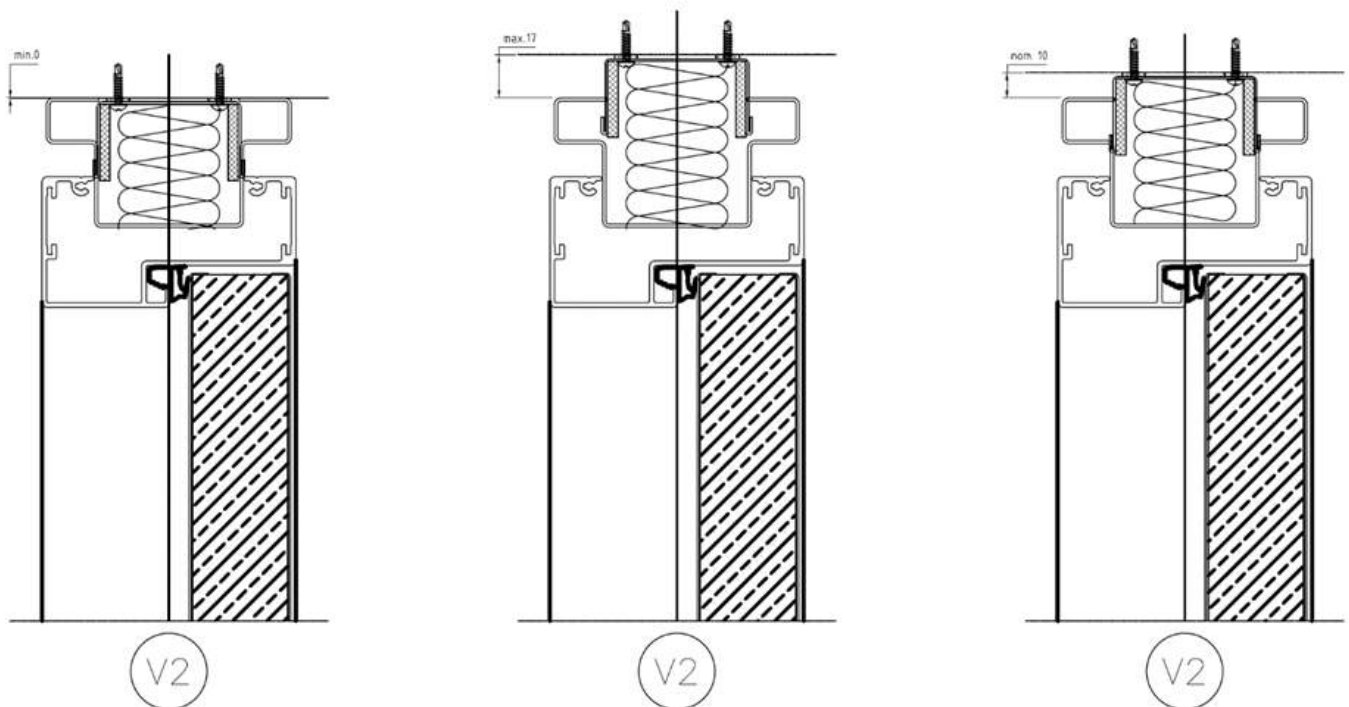*Panorama Slim with toughened glass and rubber gaskets.*



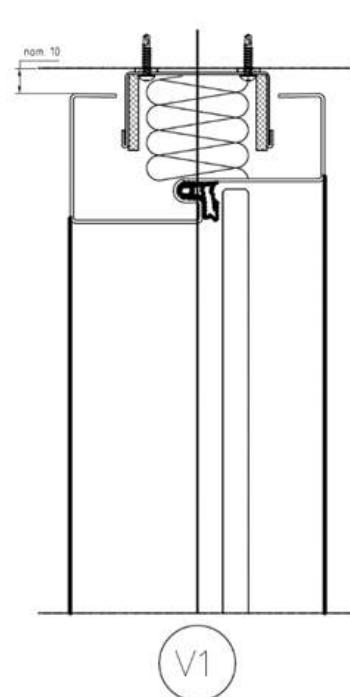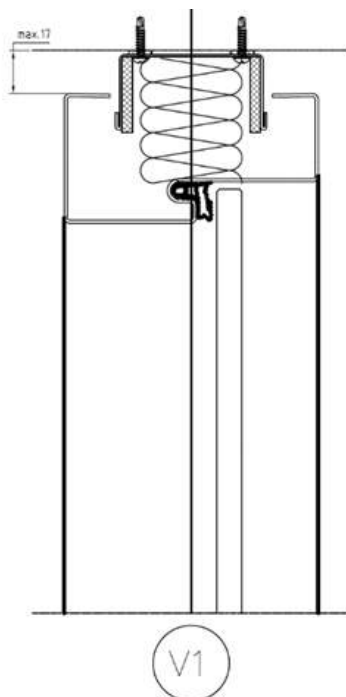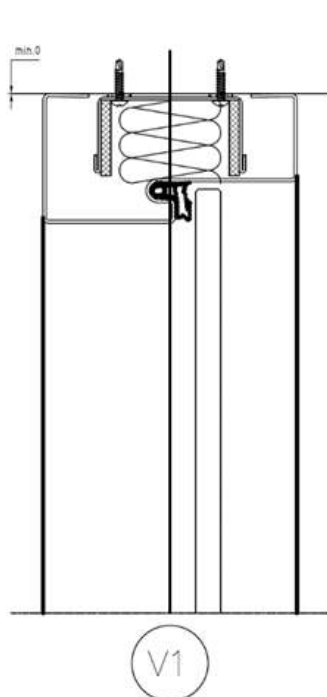*Panorama Slim with laminated glass and glass beading.*

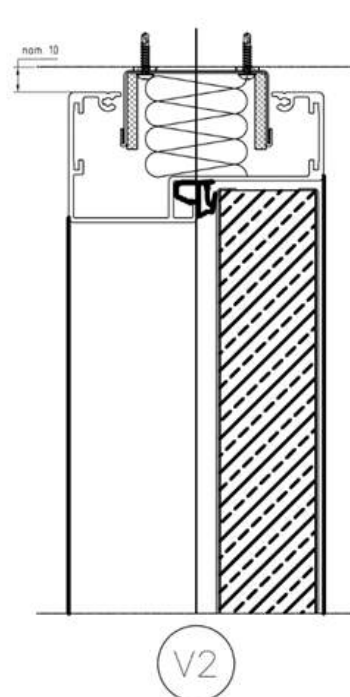## Panorama Slim ceiling track with steel doorframe and spacer track



V1

V1

V1

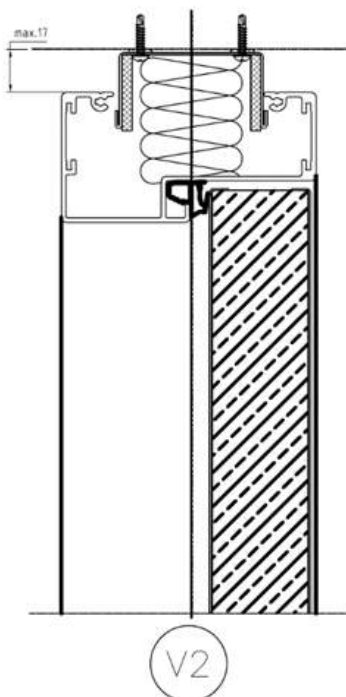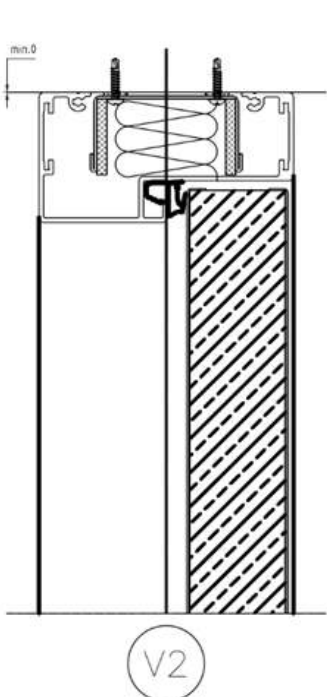## Panorama Slim ceiling track with aluminum doorframe and spacer track



V2

V2

V2

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*Panorama Slim ceiling track with steel doorframe*



min.0

V1

max.17

V1

nom 10

V1

*Panorama Slim ceiling track with aluminum doorframe*



min.0

V2

max.17

V2

nom 10

V2

## Finishes

Powdercoat. Go to Documentations on Wall-E and choose colors and finishes to find the Maars standard colors in a complete overview.

## Stability

Test have been executed with toughened glass panels

|  | 300 Nm 2x10 mm | 300 Nm 2x12 mm | 500 Nm 2x10 mm | 500 Nm 2x12 mm | 610 Nm 2x12 mm |
|---|---|---|---|---|---|
| 600mm module width | ✔ | ✔ |  |  |  |
| 900mm module width | ✔ | ✔ |  | ✔ |  |
| 1200mm module width | ✔ | ✔ |  | ✔ | ✔ |

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## Install / ordering

The method of install is similar as the method of install of Standard Panorama.

@@@

Exceptional situations – one module between two doorframes.

Short technical panel next to doorframe - switches

## Curved

The curved version of Panorama slim needs be tested first and is not yet developed.

Contact TS for more information what is needed in this situation.



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