

ALLFACE SYSTEM TS300

This system is ideally suited to quickly install large uninterrupted façade surfaces offering a grid with horizontal lines. Trespa® Meteon® panels with a minimum thickness of 8 mm may be installed by fitting their profiled horizontal edges into continuous aluminum TS300 rails. Panel edges are designed to mask the aluminum profiles used to install the Trespa® Meteon® panels.



Cavity depth and ventilation

For a continuous ventilation behind the panel, Trespa recommends the free air cavity depth between the rainscreen cladding and the insulation or wall construction to be between 20 and 50 mm, in order to allow for ambient air to flow through from the ventilation inlets and outlets. Ventilation inlets and outlets must be the equivalent of minimum 50 square cm per linear meter over the whole façade. Cavity depth as well as ventilation inlets and outlets must be in accordance with applicable building standards, regulations and certificates.

Sub-frame

The horizontal aluminum rails can be fixed on a vertical timber or aluminum sub-frame. Trespa® Meteon® panels must be installed on a sub-frame of sufficient strength and permanent durability.

Fixing detail

- TS300 can only be used for horizontal single-field spans. As a result, the maximum panel height is limited.
- Not all joint solutions are possible with 8 mm thick Trespa® Meteon® panels.
- To retain position each panel must have one glued fixed point (with proprietary adhesive system e.g. polyurethane) on the bottom rail central in the panel length.

Local testing and building regulations must be observed. Apply Trespa® guidelines.

Recommended maximum panel height

Panel thickness (mm) for Satin/Rock ¹			Panel thickness (mm) for Gloss ²		Country with certificate	Country without certificate
8	10	13	10	13		
605	759	759	550	750	DE	
600	750	900	550	750	NL, BE, FR, ES	UK, IT, CN, CL

¹ The maximum permitted fixing distances shown have been designed with a maximum (wind) load of 600 N/ m² and maximum deflection of L/200.

² Based on the surface properties of Gloss panels, the fixing distances are reduced.

Fixing distances must be calculated in accordance with applicable local standards, regulations and certificates and should be verified by a structural engineer.

A-TS300AP

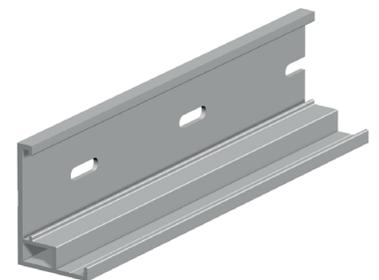
starter-profile without elongated holes

A-TS300AP.LL

starter-profile including elongated holes 6,7/20mm interval 80mm

A-TS300AP.LL11

starter-profile including elongated holes 11/20mm interval 80mm



A-TS300HP

main-profile without elongated holes

A-TS300HP.LL

main-profile including elongated holes 6,7/20mm interval 80mm

A-TS300HP.LL11

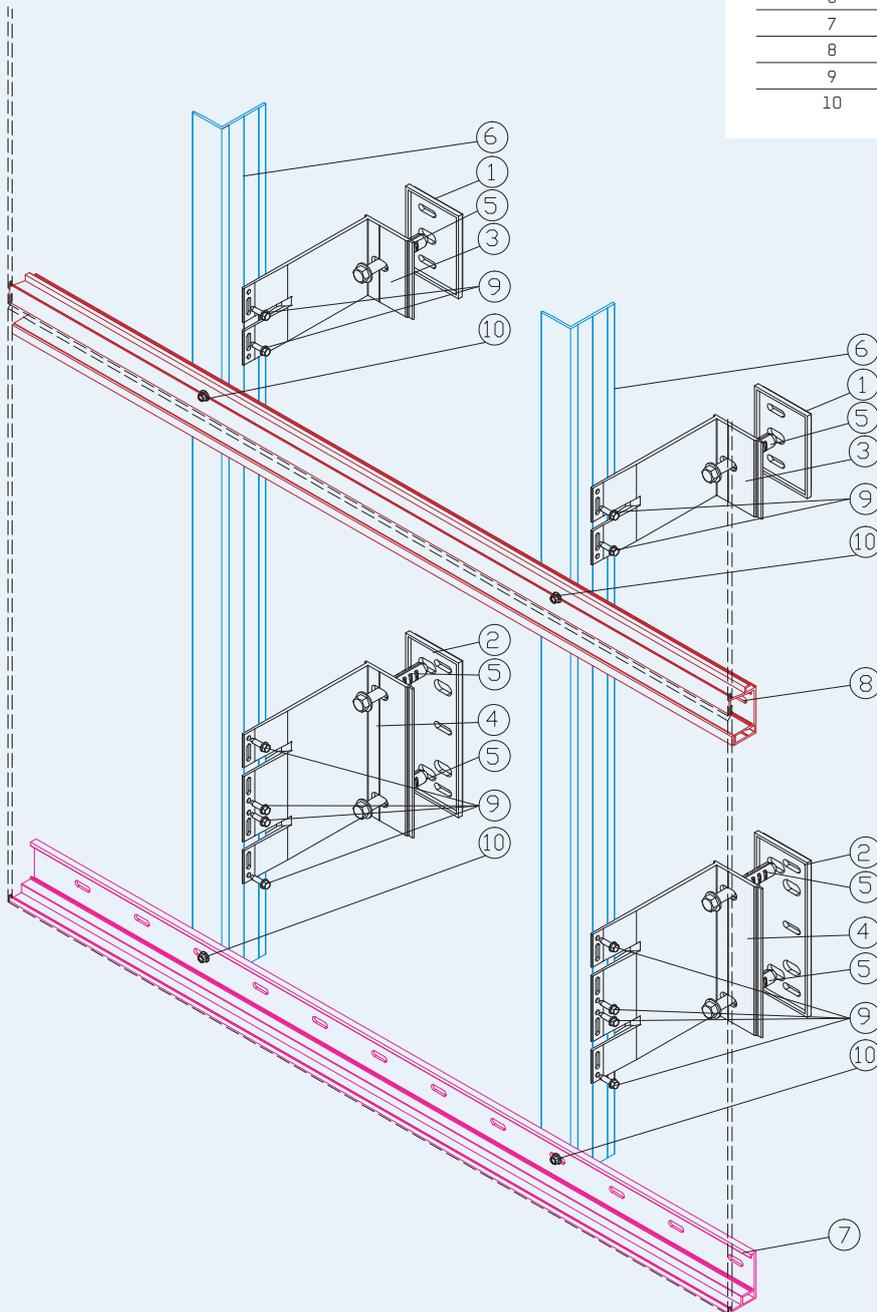
main-profile including elongated holes 11/20mm interval 80mm



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The design guidelines and application instructions from Alucobond are observed Object to technical changes.

Nr.	Description
1	Insulator I1
2	Insulator I1+
3	bracket F1
4	bracket F1+
5	wall anchor
6	L-profile
7	starter-profile
8	main-profile
9	self drilling screw \varnothing 4,8 x 19 mm
10	self drilling screw \varnothing 5,5 x 22 mm



ALLFACE
Smart Fixing Systems

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