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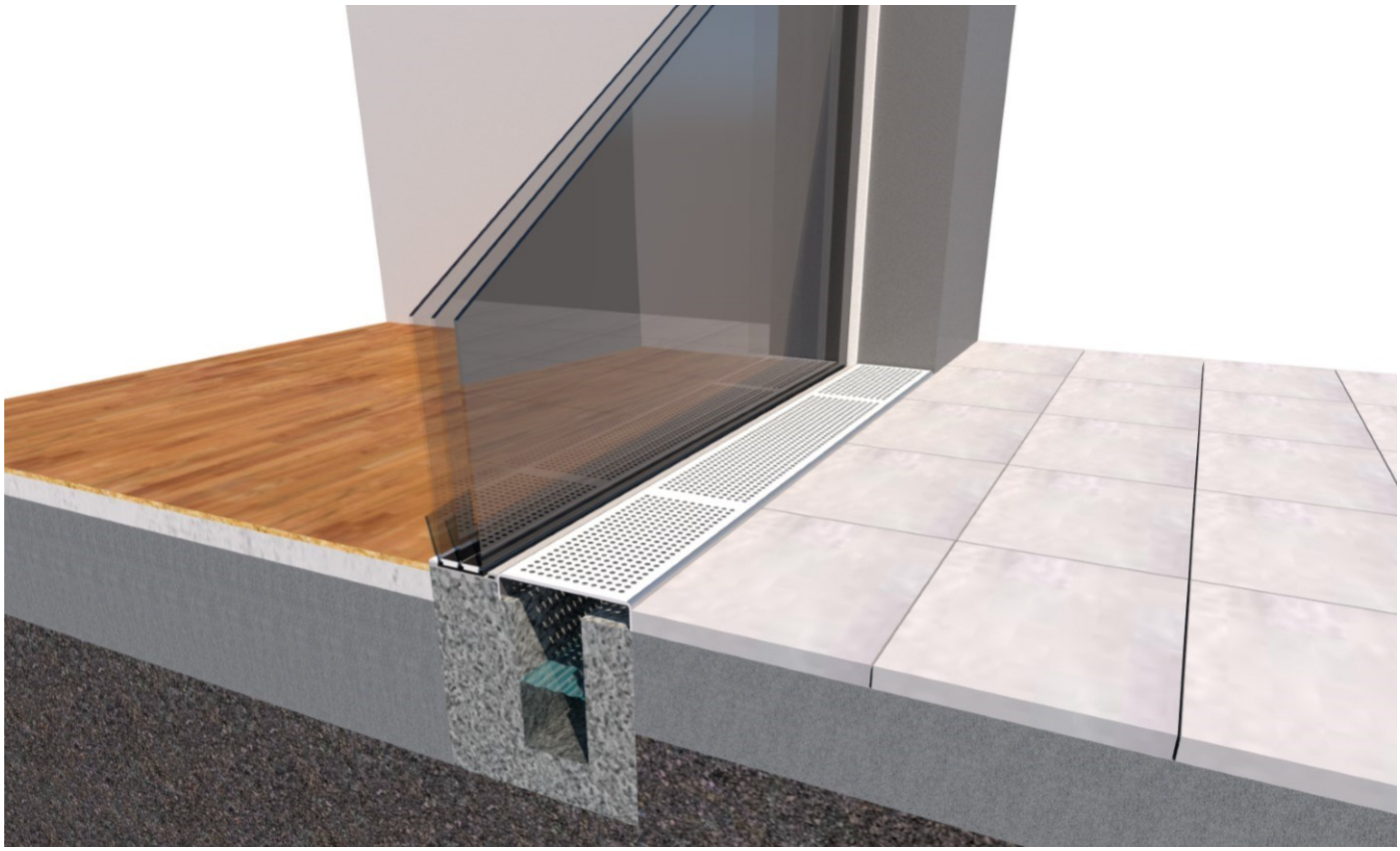
Best Exterior Product

ALMA - T™ THRESHOLD



ALMA-T by Partel is an award winning complete threshold unit designed for the modern low energy building. ALMA-T is compliant with PART A, L, M and is also architecturally designed. Superior materials are used throughout from market leading structural and thermal insulation based on EPS technology to grade 316 SS. ALMA-T assists with fenestration installation and also helps achieve airtightness.

Application areas

ALMA-T can be used underneath doors and windows in timberframe, steel frame, masonry, solid wall, retrofit and commercial buildings. It can be used with or without an integrated drainage channel.

ALMA-T is designed to support all traditional fenestration weights, and can achieve **PSI values of 0.029 W/(mk).**

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Key Advantages

One unit for multiple requirements. Strong enough to support all doors/windows and thermally broken to passive house levels. Architecturally designed drainage channels.

- High grade stainless steel—rust cannot attach
- Structurally unique
- Waterproof & Airtight
- Building regulations compliant—Part A,L and M
- Integrated drainage
- Lightweight
- LOW VOC

General information

Autocad drawings available. Certified thermal modelling has been completed and can be supplied for all common construction types.

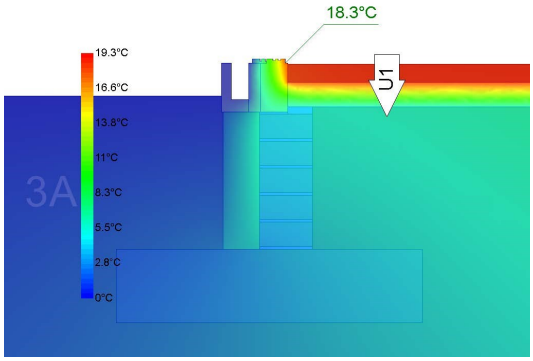
Ordering information

Partel Technical Support team is ready to assist you with any ordering information.

ALMA-T is produced for your actual door sizes. Alternative drainage channels available on request (dependant on the project's requirements).

Technical Data

Properties	Performance
Solvent	None
Colour	Purple
Recommended stress level (Under service load)	0.38 N/mm^2
Thermal conductivity	0.038 (W/mK)
Fire Classification to EN 1305	E
Elongation at max force	>10%
Average stress at 5.0% /2.0%	0.92
Psi Values	From 0.029
F_{RSI}	>0.75
Stainless steel grade	316 SS



"The information provided is based on current knowledge and experience. This data sheet may become invalid and we reserve the right to make changes to designs and processes as we continually improve quality. Processing instructions including full system component details should be adhered to."

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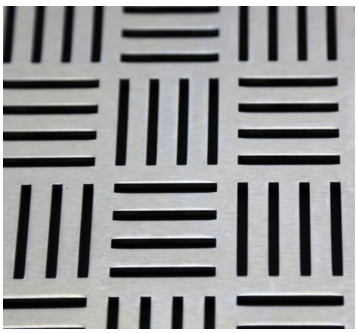
INSTALLATION INFORMATION

Order the applicable unit from Partel. Information below is required

- Inward opening door YES/NO
- Outward opening door YES/NO
- Level access drainage channel required YES/NO
- Width of opening _____
- Date for supply. _____



STAINLESS STEEL DESIGN

Install Alma-T prior to ordering of windows/doors. Alma-T should be fixed on loadbearing surfaces and can be bonded into place using Partel MS polymer adhesive and/or mechanical fixings. Alma-t is supplied with a completely formed drainage channel including pre-fixed Stainless end plates and grating. Long term modified butyl is used to seal end plates. Alma-T has a connection point to the front of the unit for easy connection to drainage.

Thermal modelling

Certified thermal modelling has been completed and can be supplied for all common construction below

		FSRI	PSI	FSRI	PSI	FSRI	PSI
		INWARD OPENING		OUTWARD OPEN-		ALMA -T	
1A	Timber frame + Masonry	0.91	0.052	0.9	0.063	0.9	0.063
1B	Timber frame + Masonry	0.92	0.047	0.9	0.056	0.9	0.056
2A	Timber frame + Cladding	0.91	0.052	0.9	0.063	0.9	0.063
2B	Timber frame + Cladding	0.92	0.047	0.9	0.056	0.9	0.056
3A	External wall insulation	0.91	0.029	0.9	0.038	0.9	0.038
3B	External wall insulation	0.92	0.036	0.9	0.044	0.9	0.044
4A	Cavity construction	0.91	0.052	0.9	0.063	0.9	0.063
4B	Cavity construction	0.92	0.047	0.9	0.056	0.9	0.056

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