

COMPACFOAM

INSULATION THRESHOLD

Highly heat insulated substructure insulation material for modern construction elements

The COMPACFOAM insulation threshold is oriented to the constructive depth of the door and it is available both with the profile contours of recognized profile systems and in a smooth universal design. It is a highly heat insulated substructure insulation material for modern construction elements.

The high compressive strength of COMPACFOAM permits screw assembly into the unfinished floor as well as the direct screw fastening of construction angles. All necessary sealing measures such as sealing bands and foils can be fastened properly with appropriate primer and adhesive products to the structure and to the COMPACFOAM insulation threshold.

TECHNICAL INFORMATION

Sintered high-density EPS	CF100	Norm
Compressive strength (N/mm ²) with 10% compression	1,4	EN 826
Permissible stress level (N/mm ²)	0,38	internal
E-Module (N/mm ²)	44	internal
Coefficient of thermal conductivity (W/mk)	0,0387	EN 12667
Water vapor diffusion resistance factor	~25	EN 12086-1
Material behaviour in response to fire	E (B2) normal flammable	EN 13501-1
Maximum water absorptive capacity	~5%	EN 12087

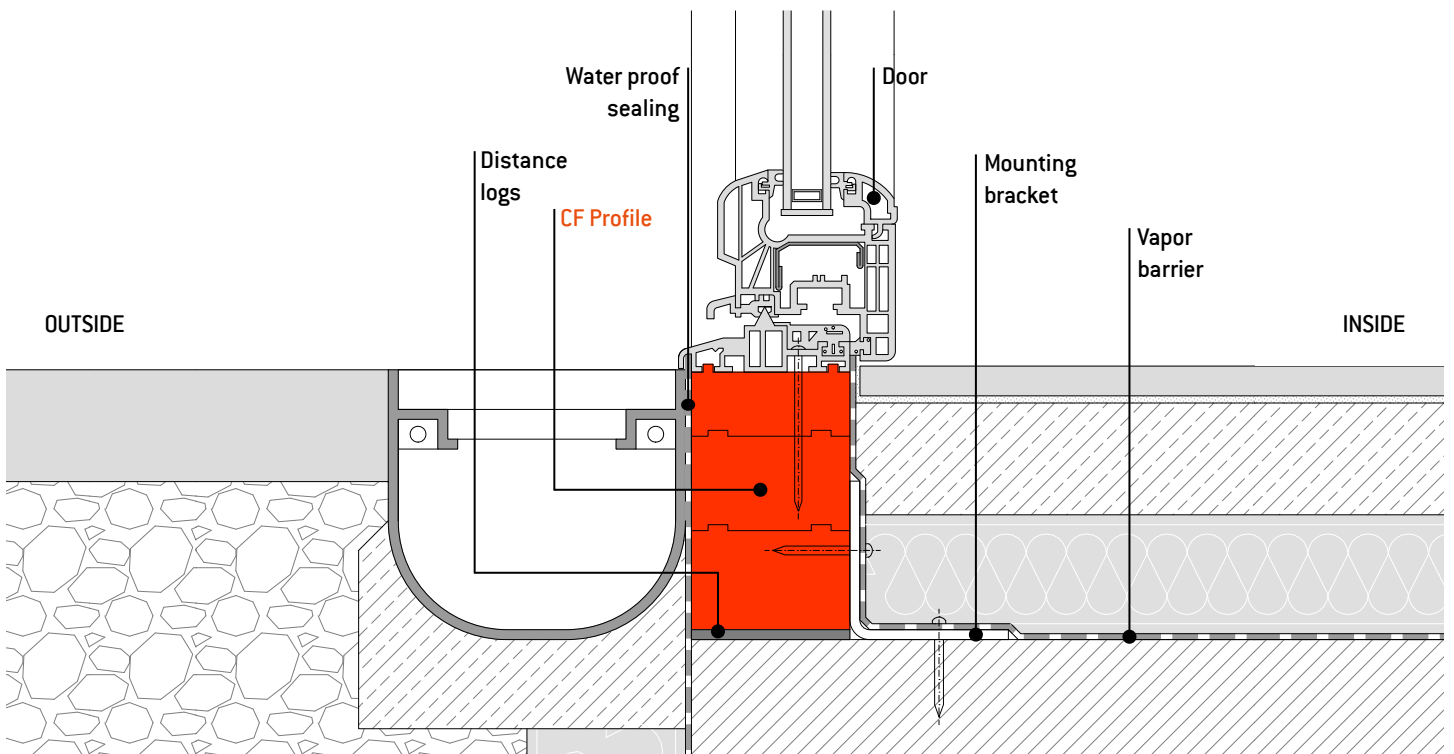
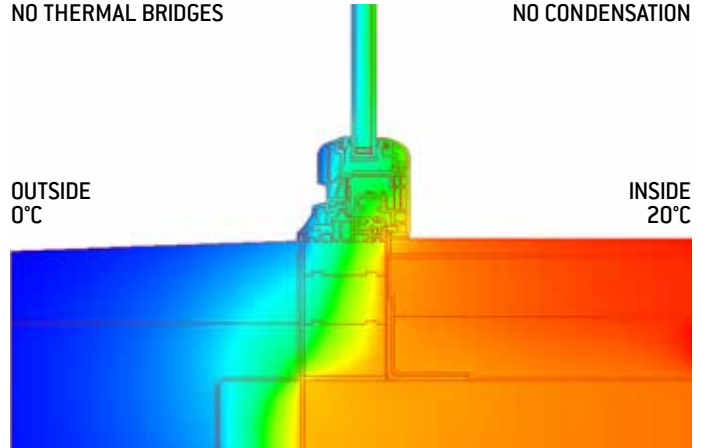


NO THERMAL BRIDGES

NO CONDENSATION

OUTSIDE
0°C

INSIDE
20°C



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ASSEMBLY OF INSULATION THRESHOLD

STEP 1: screw or glue the COMPACFOAM profile to the threshold



STEP 2: level the threshold



STEP 3: fix the COMPACFOAM BAR with a bracket



STEP 4: seal the gaps



STEP 5: apply a vapor barrier on the inner side of the threshold



STEP 6: apply water proof sealing on the outside



Features of COMPACFOAM

- 1 Screwable
- 2 Best heat insulation
- 3 Dimensionally stable
- 4 Unlimited long-term stability

- 5 Resistant to frost
- 6 Processable with saw
- 7 Ductile
- 8 Vapor permeable

- 9 Extremely durable
- 10 Lightweight
- 11 Recyclable
- 12 Biocide-free



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