

vinylTherm[®] Stonechip Facade Profiles

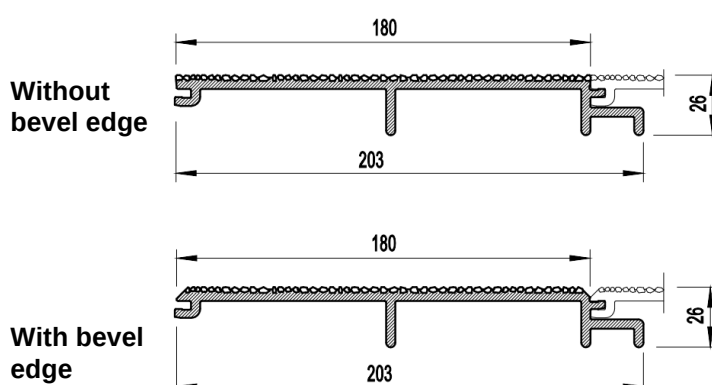
Technical Data / Properties

vinylTherm Stonechip Facade Profiles are manufactured from high quality rigid plastic raw materials with natural stonechips welded into them.

vinylTherm Facade Profiles with and without bevel edge

Dimensions / Weight

Width total	203	mm
Width cover	180	mm
Thickness	26	mm
Length	6,000	mm
Weight	6.4	kg/m ²



Technical data/ Properties

Gross density	with aggregate without	1.01 0.66	g/cm ³ g/cm ³	DIN 53479
Yield stress		≥ 14.5	N/mm ²	DIN 53455
Tear strength		≥ 13.5	N/mm ²	
Elongation to tear	(V=5mm/min)	≥ 20.0	N/mm ²	
Bending stress	with aggregate without	18.5 29.0	N/mm ² N/mm ²	DIN 53452
Impact strength	with aggregate without	30.0 24.0	KJ/m ² KJ/m ²	DIN 53453
Elasticity module	with aggregate without	646.0 1197.0	N/mm N/mm	DIN 53457
Longitudinal expansion co-efficient		ca. 0.062	mm/mK	DIN 53752
Thermal conductivity	without	0.06	W/mK	DIN 52612

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Water absorption	with aggregate	< 0,6	%	DIN 53495
	without	0,1	%	

Absorption	≤ 0,5	Degree α_e	DIN 67507
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Building material class	Germany: B1 acc. to DIN 4102
	UK: Class 0 acc. to BS 476

Assembly

Normal fixing	Vertical onto timber sub-construction
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Tools	Normal woodworking tools
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Fixing	At 600 mm centres or closer
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Fixings	Fixing screw 4.0 x 40 mm V2A with Torx
	Self drilling screw 3.5 x 25/17 mm V2A for aluminium sub-construction

Properties of use

Instructions for care	Cleaning with high-pressure cleaner
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Guarantee	30 years
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Stonechip-colours

Alpin	Elba
Dolomit	Bordeaux
Tirol	Ravenna
Sahara	Montana
Helios	Madeira
Aqua	Granit
Toscana	Basalt



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