



Acoustic Sealant VT-FAS

Acoustic sealant VT-FAS is a high performance, professional quality, easy to use sealant and adhesive. This product outperforms conventional sanitary silicones, MSP's, butyl & acrylic based products as a sealant and adhesive – the only sealant free from dangerous emissions.

Product Characteristics

VT-FAS is a high performance, professional quality, easy to use sealant and adhesive. Based on an innovative new Inert Polymer Technology it is suitable for a wide variety of building trade applications. Including decorating, flooring, joinery, plumbing, tiling, fire and sound sealing around windows and doors. This product outperforms conventional sanitary silicones, MSP's, butyl & acrylic based products as a sealant and adhesive – the only sealant free from dangerous emissions.

Product Applications

VT-FAS is a nonreactive environmentally friendly chemistry that ensures compatibility with most building materials and has the unique property of moving dynamically to accommodate the natural or unexpected movements of sealed/bonded joints within a building, for long lasting performance.

VT-FAS eliminates the selection choices that need to be made with conventional sealants and adhesives. Choosing a product for a building application can be confusing especially as there are a wide number of products available and within those products a variety of grades, with variations in properties to suit the substrate or application.

VT-FAS overcomes this by offering the tradesman one solution for all internal building applications.

Technical Specifications



Acoustic-Sealant-VT-FAS-technical-specification

acoustic-sealant-vt-fas-technical-specification.xlsx

Properties

Consistency:	Ready to use thixotropic paste
Densitet:	1,54 g/cm3
VOC:	0 g/l
Durability w/ageing:	Type X (UV / water) (pass)
Chemical resist.	Test passed (resistant)
Salt water immersion:	Test passed (resistant)
Microbiologic growth:	0 (no growth)
Hardness:	Shore A 47
Shrinkage:	15%
Tensile properties:	3.79 MPa (379 N/mm2)
Tensile elongation:	270%
3D-tensile prop.:	0,24 MPa (24 N/cm2)
3D-tensile elong.:	106%
Tear properties:	50%
Compression resist:	434 N / 1569 Mpa
Radon resistance:	1.5mm thickness gives Z = 2.9 O 108 s/m
Flashpoint:	None
Reaction to fire:	Classification D-s2, d0
Fire resistance	Up to class EI 240
Tack free time:	60 minutes maximum
Skin time:	30 minutes maximum
Rate of cure	10% at 24 hours
Solids content	> 80%
Resistance to flow	< 0.5 mm
Shelf life:	Up to 24 months when stored in unopened cartridges under cool dry conditions and 6 months in opened and resealed cartridges. Avoid temperatures above 35°C & below 5°C
Frost:	Uncured sealant should not be frozen.
Thermal Conductivity:	0,845 W/mK (+/- 3%) at 20mm depth (to EN 12667)
Compatibility	Can be used in contact with most building and decorating materials
Service Temp	40°C to +75°C
Classification C E	Facade (interior) 25LM Sanitary joints XS1
Colours	white

Packaging:	300ml cartridge or 600ml foil.
Health & safety:	No health hazard, indoor hygiene EMICODE EC1PLUS classification, approved for BREEAM rated building projects.
Test laboratories:	SP Sveriges Provningsverk, SE Intertek Chemicals & Phar., GB BM Trada, GB Eurofins Product Testing, DK .
Responsible:	GRAFT® MULTI SEALANT & ADHESIVE is manufactured by Polyseam Limited in UK Phone +44(0)1484 421036.

Internal General Areas

A = Excellent	B = Good	C = Fair
Metals		
Copper and copper alloys		A
Iron		A
Lead		A
Stainless Steel		C
Untreated and anodised aluminium		A
Zinc		A
Synthetic Materials		
Acrylic / Fibreglass		A
Polycarbonate		B
Polyester		C
PVC and PVCu		A
Others		
Acoustic sealing		A
Dry lining		A
Ductwork		A
Fire Sealing		A
Expansion joints		A
Frame fixing		A
Internal frame sealing		A
Low emission zones		A
Plumbing		A
Polystyrene		A
Skirting & architraves		A
Stonework		A

Bathrooms - Sanitary

A = Excellent	B = Good	C = Fair
Bathrooms / Sanitary / Bath Houses		Rate
Masonry		
Cementitious fibre		A
Concrete / Cellular concrete / Brick work		A
Granite / Marble Natural stone		A
Plaster		A
Glas / Ceramics		
Ceramics / Porcelain		B
Layered Glass		C
Metals		
Copper and copper alloys		A
Stainless Steel		C
Untreated and anodised aluminium		A
Zinc		A
Synthetic Materials		
Acrylic / Fibreglass		A
Polycarbonate		B
Polyester		C
PVC and PVCu		A
Others		
Acoustic sealing		A
Dry lining		A
Ductwork		A
Fire Sealing		A
Expansion joints		A
Frame fixing		A
Internal frame sealing		A
Low emission zones		A
Plumbing		A
Polystyrene		A
Skirting & architraves		A
Stonework		A
Woodwork		A

Kitchens

A = Excellent	B = Good	C = Fair
Kitchens		Rate
Acoustic sealing		A
Concrete / Cellular concrete / Brickwork		A
Dry lining		A
Ductwork		A
Fibreboard / Veneer		A
Granite / Marble / Natural stone		A
Internal frame sealing		A
Plumbing		A
Skirting & architraves		A
Solid & untreated wood		A
Stainless Steel		C
Untreated & anodised aluminum		C
Woodwork		A



Contact information

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