

PolyTech MULTI

Adhesive & Sealant



Technical Data Sheet

Description

PolyTech MULTI is a multi-purpose adhesive/sealant based on an advanced silane polymer formulation.

Colour

White, grey, black

Packaging

290ml cartridges (box quantity 12)

Surface Preparation

- May be applied to damp substrates.
- For optimum adhesion, surfaces should be clean, dry, sound and free of contamination.
- Always carry out a test to confirm compatibility prior to use.

Application

- Cut off end of thread with a sharp knife, avoiding damage to the thread. Trim the nozzle to the required diameter.
- Ensure good contact between the joint surfaces before applying adhesive.
- Apply a bead of adhesive to one or both surfaces.
- To bond larger components, apply parallel adhesive beads with a distance of approx. 10cm so that after joining the parts an aerated gap remains between the beads.
- If used with metals, the maximum width should not exceed 12mm.

Cleaning

Remove excess adhesive immediately with a suitable high strength cleaner. Ensure surface is solvent resistant before cleaning. Cured adhesive can only be removed mechanically.

Notes

Staining can occur if used on natural stone. It is not recommended for application to the back of mirrors, to plastics that are sensitive to stress cracking or where lasting exposure to water is possible. Contact with bituminous or tar containing surfaces can lead to discolouration.

Health & Safety Precautions

Safety data sheet must be read and understood before use.



Usage/Purpose

PolyTech MULTI provides a strong and flexible bond for typical fit out applications such as skirting boards, dado rails, signage and other fixtures & fittings. It can be used on most construction materials, both porous and non-porous, including materials sensitive to solvent attack such as polystyrene. Suitable for internal & external application and may be applied to damp substrates. Its good tooling properties and over-paintability mean it can be used as a caulking agent as well as an adhesive.

Key Benefits

- Bonds and seals most construction materials
- Over-paintable once cured
- Flexible
- Resistant to weather & ageing
- Suitable for internal and external applications

Technical Information

Characteristic	Standard	Classification
specific gravity	DIN 52451-A	1.6
fire classification	EN 13501 part 1 (2007)	class E
consistency	EN 27390, 20mm profile	0mm, non-sagging
tack free time	at 23°C and 50% R.H.	approx. 20-25 mins
cure rate		approx. 3.0mm/1st day
volume shrinkage	DIN 52451	3%
modulus at 100% elongation	DIN 53504 S2	0.5 N/mm ²
tensile strength	DIN 53504 S2	approx. 1.2 N/mm ²
elongation at break	DIN 53504 S2	approx. 380%
modulus at 100% elongation	DIN EN ISO 8339, method A	0.45 N/mm ²
tensile strength	DIN EN ISO 8339, method A	0.7 N/mm ²
elongation at break	DIN EN ISO 8339, method A	240%
recovery	DIN EN ISO 7389, method B	70%
shore A hardness	DIN 53505	33
application temperature		+5°C to +40°C
service temperature		-40°C to +90°C
storage		store in dry, shaded conditions between +5°C and +25°C
shelf life		12 months when stored as recommended in original, unopened packaging

Coverage

Width x Depth (mm)	Linear meters per 290 ml cartridge
5 x 5	11.6
8 x 6	6.0
10 x 8	3.6
15 x 10	1.9
20 x 12	1.2
25 x 15	0.8
30 x 15	0.6

All product specifications and data are subject to change without notice.

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