ISO 9001:2015 ISO 14001:2015 ISO 45001:2018

SpEC

SpECseal GP

ACETOXY SILICONE SEALANT

DESCRIPTION

SpECseal GP acetoxy silicone sealant is a one-part moisture curing silicone sealant.

TYPICAL USES

SpECseal GP acetoxy silicone sealant is suitable for use across a broad range of application.

ADVANTAGES

- Excellent adhesion to a variety of non-porous substrate such as glass, glazed ceramic tiles and aluminium
- Resistant to ozone, ultra-violet radiation and temperature extremes
- Cured sealant is mildew resistant
- It will bond to form a durable, flexible, waterproof seal on many common wet area building materials.

TECHNICAL DATA

Cure system	Acetoxy
Standard colours	Clear and white
Specific gravity	0.96-0.97 g/ml
Extrusion	800 g/minutes
Penetration	270 mm/30s
Skin-over time (23°C, 50% RH)	15 minutes
Cure rate (23°C, 50% RH)	
1 day	2mm
2mm thickness S2 dumbbells (ASTM D412)	
E-Modulus 100%	0.4 MPa
Tensile strength	2.0 MPa
VOC Content	28 g/ltr
Elongation at break	570%
Hardness (Shore A)	17

APPLICATION

Surface preparation

Surfaces must be clean, dry and free from grease, dust and frost. Non-porous surfaces: Aluminium, glass, etc. should be cleaned with a suitable solvent for the substrate such as **SpEC R40** cleaner.

Application

The sealant is ready to use. After suitable joint preparation and masking, the sealant is gunned into place and tooled within 5 minutes, using a spatula. Masking tape is then removed immediately.

APPLICATION TEMPERATURE RANGE

Minimum	+5°C (+41°F)
Maximum	+40°C (+104°F)

EQUIPMENT CLEANING

Uncured material can be removed by using a suitable solvent or an approved sealant remover. Cured material may be removed by abrasion or other mechanical means.

PACKAGING & YIELD

SpEcseal GP acetoxy silicone sealant is supplied in 280ml cartridges.

STORAGE & SHELF LIFE

SpECseal GP acetoxy silicone sealant has a shelf-life of 12 months if stored properly.

HEALTH & SAFETY

SpECseal GP acetoxy silicone sealant should not come into contact with skin or eyes or be swallowed.

Wear suitable protective gloves, eye / face protection and overalls. If in contact with eyes rinse with clean water and seek medical advice.

If swallowed, DO NOT induce vomiting, seek medical attention immediately.

Avoid inhalation. Ensure adequate ventilation in confined areas.

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