

Description

This is a multi-purpose 1-component polyurethane adhesive / sealant that bonds well to a wide variety of substrates like metals, metal primers and paint coatings (2- component systems), ceramic materials and plastics. It is suitable for making permanent elastic seals.

Features

- Bonds well to a wide variety of substrates
- Resistant to ageing
- Can be sanded and painted
- Passes EN45545-2 R1/R7 HL3
- Non-corrosive
- Low odor

Specifications

Chemical base	: 1-component polyurethane
Colours	: White, Grey, Black, Brown
Cure mechanism	: Moisture-curing
Density (uncured) depending on color	: 1.3 kg/l
Non-sag properties	: Good
Application temperature ambient	: 5°C to 40°C
Skin time	: 60 minutes (23°C / 50% r.h.)
Open time	: 45 minutes (23°C / 50% r.h.)
Shrinkage	: 5%
Shore A hardness	: 40
Tensile strength	: 1.8 MPa
Elongation at break	: 500 %
Tear propagation resistance	: 7 N/mm
Service temperature	: -50°C to 90°C 24 hours 120°C 1 hour 140°C

Applications

This bonds well to a wide variety of substrates and is suitable for making permanent elastic seals . Suitable substrate materials are metals, metal primers and paint coatings (2-component systems), ceramic materials and plastics. It is ideally used for internal sealing and simple bonding applications.

Part Number Table

Description	Part Number
221 Sealant, Black	221 BLACK
221 Sealant, Grey	212FC White

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