

Technical Data Sheet

SHOOLIN PU SEAL GG-40 One Component Polyurethane Sealant

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DESCRIPTION

SHOOLIN PU SEAL GG-40 is a one-component, medium-modulus polyurethane sealant that cures on exposure to atmospheric humidity. It possesses excellent adhesion to all typical construction materials such as cement based materials, brick, ceramic, glass, wood, galvanized and painted sheet iron and various plastics

FEATURES / ADVANTAGES

- Possesses permanent elasticity
- Paintable
- No sagging – Thixotropic
- Can be applied with hand gun and tooled easily
- No surface tackiness after full cure. Does not pick up dirt
- No shrinkage
- Conforms to the requirements of VOC content specifications in LEED credit EQc4.1 “Low emitting products” of SCAQMD rule 1168

APPLICATIONS

- SHOOLIN PU SEAL GG-40 is used for bonding various construction materials and as a sealing joint.
- Joints around windows
- Skirting boards
- Walls and ceilings
- Door frames
- External and internal crack filling
- Saw cut joints in concrete roads and factory floors

TECHNICAL DATA

Skin Time at 20° C/65 % RH	5 minutes
Application Temperature	5° C to 40° C
Service Temperature	-10° C to 70° C
Cure rate at 25° C 65 % RH	Dependent upon sealant depth, ambient temperature and humidity
Chemical Resistance	Fair resistance to most dilutes acids and alkalis. Poor resistance to organic solvent.
Service Life	15+ years
Paint ability	Paintable with water based paint 3 hours after application. Paintable with gloss paints 12 hours after application.

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RESTRICTIONS

- Avoid application below 5 °C and above 35 °C
- Avoid application in foggy conditions

MOVEMENT ACCOMODATIONS

- **Butt joints** – Movement in tension and compression: 5%
- **Lap joints** – Movement in shear: 10%

COLOR

Standard White and Grey.

APPLICATIONS INSTRUCTION

- **Joint Preparation:** The joints must be clean, dry and free from all contamination. The surfaces should be de greased with an appropriate cleaner.
- **Insertion of Backup Material:** Where applicable, appropriate joint filler ex. closed cell polyethylene foam should be used to provide the correct depth of joint.

HEALTH & SAFETY

- Chemical Resistant Gloves should be used when handling the product.
- If contact with skin occurs, it must be washed with soap and water. Solvent should not be used.
- Contaminated clothes should be removed.
- The use of Chemical Resistant Goggles is recommended.
- If eye contact occurs, immediately splash eyes with plenty of water. Consult Physician if irritation persists.
- Safety shoes are mandatory.
- SHOOLIN PU SEAL GG-40 is flammable. Keep away from sources of ignition. No smoking.
- In the event of fire, extinguish with CO2 or foam. Do not use a water jet

JOINT SIZE STABILITY

Joint Width	6 mm to 20 mm: Single Application
Joint Depth	Minimum 10 mm on Porous substrate, Minimum 6 mm on Non-Porous substrate, Maximum 10 mm
Joint Width: Depth Ratio	(Within above min/max restrictions) 1:1

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CONSUMPTION

Joint Size in mm	Meter run per 600 ml pack (RMT)
6x6	14-16
9x6	9-10
12x6	6-7
15x10	3.0-3.5
25x12	1.5

PACKAGING

SHOOLIN PU SEAL GG-40 is available in 600 ml sausage.

STORAGE

6 months in original unopened package stored in cool dry place out of direct sunlight.

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