

DUROSEAL PU 40FC



DESCRIPTION

DUROSEAL PU 40FC is a one-component, high-modulus polyurethane sealant that cures on exposure to atmospheric humidity. It possesses excellent adhesion to sheet iron, aluminum, stainless steel, lead, copper, ceramic, glass, wood and various plastic materials.

FEATURES

- Permanently flexible
- Non-sag consistency - Exceptional thixotropy
- Non-sticky / does not pick up dirt
- Minimal shrinkage
- Improved storage stability
- Easy to gun, can be easily smoothed
- Over-paintable

APPLICATION

- Body construction of cars, containers, caravans etc.
- Sealing and bonding of ventilation ducts, gutters and spouts etc.
- Sealing of sheet metal seams
- For vibration reduction in all type of sheet metal assembly works
- Sealing against water, air, gas and dust.

PACKAGING

White / Black / Grey	310ml	12
White / Black / Grey	600ml	12

TECHNICAL INFORMATION

BEFORE CURING

Basis	Polyurethane	
Consistency	Thixotropic	
Curing Mechanism	Moisture Curing	
Skin formation time	1,18± 0,03 g/ml	
Skin formation time	40 ± 10 min. (23°C and 50% R.H)	
Curing Rate	Min. 3 mm/day (23°C and 50% R.H)	
Sagging	0 mm	(EN ISO 7390)
Temperature Resistance	-40°C to +90°C	
Application Temperature	+5°C to +40°C	

AFTER CURING

Hardness Shore A	35-40	After 28 days
Paintibility	Yes*	

MECHNANICAL PROPERTIES (ISO 8339)

Elongation at break	Min. 350%	
Tensile Strength	Min 2.0 N/mm ²	

*Considering the diversity of paint base and quality, compatibility tests should be done before application.



INSTRUCTIONS

- Surface preparation: Joint surfaces must be dry, clean and free of all contamination. Glass, metal and other non-porous surfaces must be free of any coatings and wiped clean with solvent.
- Cut opens the cartridge, screw on nozzle and cut off tip at desired angle. Take off the aluminum cover at the bottom of the cartridge. Insert cartridge in gun and apply the sealant bubble-free continuously into the joint. Fill the joint completely. Smoothen it by pressing with a spatula or similar apparatus.

STORAGE AND SHELF LIFE

12 months if stored properly in its original package.

RESTRICTIONS

- Avoid application below 5 °C and above 40 °C.
- Do not apply on frozen or wet surfaces or through standing water.

Consumption (approx.)

Joint width	15mm	20mm	25mm	30mm	35mm
Joint Depth	8mm	10mm	12mm	15mm	15mm
Joint length / 600 ml	5 meters	3 meters	2 meters	1, 3 meters	1, 1 meters

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