

BENIMAN FLEXIBLE POLYURETHANE ADHESIVE SEALANT PU 40FC

Product codes: 73078, 73079, 73080, 73081, 73082, 73083

BENIMAN FLEXIBLE POLYURETHANE ADHESIVE SEALANT PU 40FC

is an one-component, high-modulus polyurethane sealant that cures on exposure to atmospheric humidity. It possesses excellent adhesion to all **typical construction materials**, sheet iron, aluminium, stainless steel, lead, copper, ceramic, glass, wood and various plastic materials.

PROPERTIES

- 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.

APPLICATIONS

- Expansion joints between many different, construction materials
- 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.

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 open the cartridge, screw on nozzle and cut off tip at desired angle. Take off the aluminium cover at the bottom of the cartridge. Insert cartridge in gun and apply the sealant

CONSUMPTION (approx.)

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

STORAGE AND SHELF LIFE

12 months if stored properly in its original package.

PACKAGING

Product code	Color	Packaging
73078	White	Sausage 600ml
73079	Black	Sausage 600ml
73080	Grey	Sausage 600ml
73081	White	Cartridge 300ml
73082	Black	Cartridge 300ml
73083	Grey	Cartridge 300ml

RESTRICTIONS

Avoid application below 5 °C and above 40 °C.

Do not apply on frozen or wet surfaces or through standing water.

TECHNICAL PROPERTIES

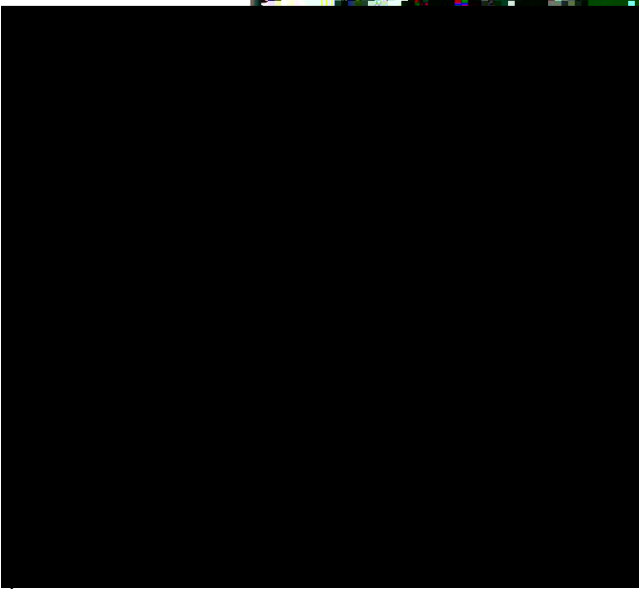
BEFORE CURING	
Basis	: Polyurethane
Consistency	: Thixotropic
Curing Mechanism	: Moisture Curing
Density	: 1,18± 0,03 g/ml
Skin formation time	: 40 ± 10 min. (23°C and 50% R.H)
Curing Rate	: Min. 3 mm/day (23°C and 50% R.H)
Sagging	: 0 mm (EN ISO 7390)
Temperature Resistance	: -40°C to +90°C
Application Temperature	: +5°C to +40°C
AFTER CURING	
Hardness Shore A	: 35-40 After 28 days
Paintibility	: Yes *
MECHANICAL 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.

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Πλάτος αρμού	15mm	20mm	25mm	30mm	35mm
Βάθος αρμού	8mm	10mm	12mm	15mm	15mm
Μήκος αρμού / 600ml	5m	3m	2m	1,3m	1,1m

12μ

Κωδικός προϊόντος	Χρώμα	Συσκευασία
73078	Λευκό	Σαλάμι 600ml
73079	Μαύρο	Σαλάμι 600ml
73080	Γκρι	Σαλάμι 600ml
73081	Λευκό	Φύσιγγα 300ml
73082	Μαύρο	Φύσιγγα 300ml
73083	Γκρι	Φύσιγγα 300ml

μ μ μ 5°C 40°C.
μ μ μ μ

	:
	:
μ	:
	: 1,18±0,03 g/ml
μ μ	: 40 ± 10 min. (23°C and 50% R.H)
μ	: Min. 3 mm/day (23°C and 50% R.H)
μ	: 0 mm (EN ISO 7390)
μ	: -40°C to +90°C
μ μ	: +5°C to +40°C
Shore A	: 35-40 28 μ
	: *
	(ISO 8339)
μ	: Min. 350%
μ	: Min 2.0 N/mm ²

* μ μ μ μ μ μ