



## 637FC MULTIPURPOSE PU SEALANT

### 1 – DESCRIPTION

**637FC** is a one-component, high modulus multipurpose elastic adhesive and joint sealant with outstanding application properties that bonds and seals most construction and industrial material substrates. It's designed for indoor and outdoor applications.

### 2 – PROPERTIES

- Permanently flexible
- Fast cure rate
- Non-sag consistency - Exceptional thixotropy
- High durability and ageing resistance
- Very good mechanical and weathering resistance
- High bond strength
- Excellent adhesion to most construction materials
- Easy to gun, can be easily smoothed
- Over-paintable

### 3 - APPLICATIONS

- Body construction of cars, containers, caravans etc.
- Sealing of sheet metal seams
- For vibration reduction in all type of sheet metal assembly works
- Sealing and bonding applications in the manufacturing and construction industries
- Sealing applications including concrete flooring joints.
- Bonding applications of window sills, thresholds, steps, boards, prefabricated elements
- Joint sealant in concrete, metal and wood constructions
- Multipurpose adhesive for indoor and outdoor bonding

### 4 - 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.



### Consumption (approx.)

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

### 5- STORAGE AND SHELF LIFE

12 months if stored properly in its original package.

### 6- PACKAGING

Product	Volume	Package
White / Black / Grey	310ml	12
White / Black / Grey	600ml	12

### 7- RESTRICTIONS

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

### 8- 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
Paintability	: Yes *
MECHANICAL PROPERTIES (ISO 8339)	
Elongation at break	: Min. 350%
Tensile Strength	: Min 2.0 N/mm <sup>2</sup>

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