POLYURETHANE SEALANT (AUTOMOTIVE)

1 – DESCRIPTION

Polyurethane Sealant (Automotive) 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.

2 – PROPERTIES

- Solvent and PVC free
- Good U.V. resistance
- Permanently flexible
- Non-sag consistency - Exceptional thixotropy
- Non-sticky / does not pick up dirt
- Odourless
- No change in volume - No shrinkage
- Improved storage stability
- Easy to gun, can be easily smoothed
- Over-paintable

3 - APPLICATIONS

- 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

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 wetted in soapy water.

5- STOROGE AND SHELF LIFE

12 months if stored at room temperature.

6- PACKAGING

Product	Volume	Package
White	310ml	12
Black	310ml	12
Grey	310ml	12
White(Sausage)	600ml	24
Black(Sausage)	600ml	24
Grey(Sausage)	600ml	24

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

Basis	: Polyurethane	
Curing Mechanism	: Moisture Curing	
Density	: 1.15 ± 0.03g/ml	(ISO 1183)
Hardness Shore A	: 30-40	(ASTM C661)
Ultimate Elongation	: ≥400	(ASTM D412)
Max. Tensile Strength	: >2 N/mm^2	(ASTM D412)
Tack free time	: 30-60 min. (23°C and 50% R.H)	(**ASTM** C679)
Curing Rate	: Min. 2,00 mm/day (23°C and 50% R.H)	
Temperature Resistance	: -40°C to +90°C	
Application Temperature	: +5°C to +40°C	