440F FIRE RATED SILICONE SEALANT

1 – DESCRIPTION

SİLİFİX 440F is a fire retardant, elastic, neutral curing silicone sealant that cures upon exposure to atmospheric humidity. Absorbs movements up to 25%.

2 – PROPERTIES

- Flexible and durable
- Classified as B-s1,d0 according to EN 13501-1:2007+A1:2009
- Water, weather and UV resistant.
- Resistant against Water, Alkaline, Chemical agents.
- Non corrosive.
- Solvent free.
- Air tight sealing.
- Quick and easy installation.

3 – APPLICATION AREAS

- Fire resistant sealing of connection and expansion joints in constructions
- All building and glazing joints which require a fire rating.
- Suitable for all common building materials.

4 – INSTRUCTIONS

- Ensure that surfaces to be sealed are clean, dry and grease free.
- Use mechanical abrasion to clean porous surfaces before application.
- The application temperature must be between +5°C and +40°C.
- Cut nozzle to the desired angle and gun firmly into the joint. After the application, the sealant must be tooled with light pressure within 5 minutes to spread the material against the joint surfaces and to obtain a professional finish.
- Excess uncured sealant may be cleaned with solvent. Cured sealant can be removed barely mechanically.

5- RESTRICTIONS

- Small amount of shrinkage will occur on curing.
- Do not apply below 5°C

6- STORAGE AND SHELF LIFE

The shelf life is 12 months if stored in unopened-original package in a dry place at temperatures between +5°C and +25°C.

7- PROPERTIES

Basis	: Silicone Polymer (Oxime)	
Density	: 1,30 ± 0,03 g / cm3	(ASTM D 792)
Sagging	: 0 mm	(ISO 7390)
Skin over time	: 10 ±5 dakika (23°C, 50% R.H.)	
Curing Rate	: Min. 3 mm/ 24 sa (23°C, 50% R.H.)	
Hardness	: 40 ±5 Shore A	
Elongation at break	: ≥ 150%	(ISO 7389)
Tensile Strength	: 1,5-2,0 N/mm2	(ISO 8339)
Application Temperature	: +5°C to +40°C	
Heat Resistance	: -60 °C to +180°C	

8- PRODUCT

Product	***Volume***	***Package***
White, Grey, Black	310ml (cartridge)	12