

# ATECHFLEX® FILLET

LOW MODULUS POLYURETHANE SEALANT



**ATECHFLEX® FILLET** is a one-component gun grade polyurethane based construction sealant, it is of low modulus and cures by reaction with atmospheric moisture to form a soft rubber like material with excellent elastic and adhesion strength.

**ONE COMPONENT // HIGH DURABILITY // MILDEW RESISTANT // HIGH ELASTICITY**

## USES

- Expansion joints in buildings and civil structures.
- Perimeter Caulking of rooms, doors and windows
- Sealing precast panel joints, retaining walls etc.
- for use with ATECHPROOF MEMBRANES.
- Other structural sealing for areas with structure movement.

## APPLICATION

Clean and dry all surfaces by removing foreign matter and contaminants such as oil dust, grease, frost, water, dirt, old sealants and any protective coating. Dust and loose particles should be cleaned. Minimum application temperature: 5°C.

**ATECHFLEX® FILLET** should be dispensed from either the cartridge or sausage by means of a caulking gun. Pierce the membrane at the top of the cartridge and screw on the nozzle. Cut nozzle to give the required angle and bead size. Place the cartridge in an applicator gun and squeeze the trigger. For sausages, a barrel gun is required, clip the end of the sausage and place in barrel gun. Screw end cap and nozzle on to barrel gun. Using the trigger extrude the sealant, to stop depress using the catch plate. Apply **ATECHFLEX® FILLET** in a continuous bead using enough pressure to properly fill the gaps.

## SAFETY GUIDELINES

- Do not use product near flame or open light.
- Adequate ventilation is required during the application process.
- Approved eye protection and gloves are recommended during application.
- Should contact occur with eyes or skin, wash thoroughly with soap and water. If irritation persists, obtain medical attention.

Consult Material Safety Data Sheet for details



## PRODUCT DATA SHEET: SEALANTS: ATECHFLEX® FILLET

Technical Properties	
Testing Items	Performance
Appearance	Grey Homogenous Paste
Density, g/cm <sup>3</sup>	1.35 ± 0.05
Sagging Properties (mm)	< 1
Hardness, Shore A	25 ± 5
Elongation at Break, %	> 600
Volatile content (%)	< 4
Stretch Modulus (MPa)*	< 0.4
Touch Dry Time (min)	< 180
Elastic Recovery(%)	> 80
Extrudability (ml/min)	80
Pollution Properties	Non
Application Temperature ( °C)	+5 ~ +35
Shelf Life (Month)**	12

Note:

\*Stretch modulus here is for 60% modulus.

\*\*Storage condition has a direct impact on the products' shelf life, please refer to the instruction for special items storing.

### PACKAGING

600ml sausage, 20pcs/carton

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### Safety Precautions

These products may cause allergic reactions through skin contact, goggles, protective gloves and overalls must be worn. Ensure that there is adequate ventilation and avoid breathing the vapour.

### Exclusion Clause

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