


PRODUCT DATA

- 2020 POLYMERIC CAULK SEALANT - SOFT SEAL -

INTRODUCTION & USAGES

-2020 POLYMERIC CAULK SEALANT – SOFT SEAL is a Co-Polymer adhesive sealant of dense consistency forming a soft gaskety seal at room temperature curing (RTC). It is most useful rather excel in performance against silicones where air/gas-tight, water proof, oil proof, dilute acid resistance, vapor barrier, weather resistant, temperature resistance, U/V rays and fungal/micro- organisms resistant protective seal is required. Fully cured bead/layer has above 200% elongation. The product has excellent adhesion on metals, wood, paper, cloth, plastics, glass, polystyrene, PU foams, thermopole, glass wool insulation, masonry, R.C.C., marble etc. **The product doest not emit toxic fumes making it possible to safely work in enclosed areas. The surface can be painted over.**

An excellent seam sealant in Building expansion joints sealing, crack filling, thermal insulation, non-cracking & shock absorbing capabilities.

HVACR Applications:

SOFT SEAL is best usable as an excellent seam sealant in Central A/C and fabrication jobs such as ducting, thermal insulation, non-cracking, shock absorbing and sound deadening capabilities both in low and high velocity ducts meeting the HVAC Spec. DW/141 (Adhesion), B.S.476 (Part-7) Class 'I' and 'O' tests.

AUTOMOBILE & ENGG. Applications:

In automobile and engineering industries for sealing/gasketing bus/truck bodies, car bodies, spot weld joints, seams, cracks, glass fixing etc. Pasting of checkered metal plates and vinyl floorings on to the public transport buses, vans, railway coaches and walkways.


TECHNICAL DATA

- Color : Grey/White/Black. Other colors on bulk orders.
- Consistency : High consistency shiny gel paste. Thixotropic nature. (ASTM D-1644)
- Solid Content : 91%±1% (ASTM D-1644)
- Specific Gravity : 1.15 Kg./Lt.(ASTM C-771)
- Flash Point : Non-flammable.
- Elongation : Above 400 %
- Temp. Resistance : -25 °C to 180 °C
- Drying : Air drying.
- Service Temp. : Between 5 °C to 80 °C
- UV Resistance : 10,000 hours (no affect)
- Peel Adhesion : 60 lb/inch²
- Water Vapor Permeance : Negligible to account for in 2 to 3 mm thick cured layer (ASTM E-398)

RECOMMENDATIONS & PRECAUTIONS

- Do not apply on water logged surfaces.
- Do not apply when the rain is imminent.
- Do not apply over oily/greasy surface.
- Test may be conducted after 72 hours after final application or when the same is fully cured.

PHYSIO-CHEMICAL BEHAVIOUR

- Non-toxic, no-corrosive, non-rusting, non-fungal, non-flammable, non-hazardous & non-pollutant to atmosphere. Can be safely used in enclosed areas. Safe in handing and to body contact.
- Completely cured gaskety seal of -2020 behaves as non-sticky, water & oil proof, weather, u/v rays, acids/alkali resistant, vapor barrier, non-cracking and tolerance to products pH value ranging between 6 to 12 (ASTM D-3278). It can be **painted over.**

APPLICATION

- Clean and dry the surface from dust/dirt, oil & grease.
- Apply by brush, trowel, mechanical dispenser, grease gun or cartridge.
- In case of exposed areas particularly while sealing expansion/construction joints having thick layer apply in 2 to 3 intervals for quicker drying and better finish.

PROCEDURE FOR SEALING BUILDING EXPANSION/CONSTRUCTION JOINTS:-

- Thoroughly clean and wash with water the entire joint area making the dust free.
- Apply **FAME™** -2060 Uni-Bond Adhesive/**FAME™** -2010 Aqua Seal as Primer coat.
- Press fill backer rod/thermopole sheet up to the required depth in the gap.
- Press fill **FAME™** -2030 Flexi-Gum (Sealing Gum) in the gap, leaving 3 to 5 mm from the surface level.
- Apply **FAME™** -2020 Polymeric Caulk Sealant – **SOFT SEAL** from the marginal ends in 2 to 3 intervals finally leveling with the surface.

Note: It is advisable to paste Polymeric Canvas, according to procedure as laid down in **FAME™** -2010 product data, on the final roof surface as a double protection system.

SAFETY

- The product does not require special handling being non-toxic, non-flammable, non-corrosive & non-fungal. Safe in handling & to body contact, resistant to acids/alkali, U/V light, ozone & gases.(ASTM D-3278).
- **FAME™** - 2020 Polymeric Caulk Sealant – **SOFT SEAL** is a non-hazardous and non-toxic, however harmful if swallowed. Avoid contact with eyes or skin. In case of contact with eyes wash with plenty of water and seek medical advice.

DILUENT/CLEANER

- Use normal potable water/liquor ammonia, if most essential, as diluent.
- Use naphtha solvent or methylated spirit to clean dried film.

STORAGE/SHELF LIFE

- As the product is thixo-tropic keep the container airtight after every use & store at well ventilated & cool atmosphere.
- Use within 2 years from manufacturing date.

PACKING

1.0 Kg. Jar & 4.0 Kg. & 16.0 Kg. Bucket.

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Important Notice:

The information submitted in this leaflet is based on our current knowledge and experience. In view of the many factors that may affect processing and application, these data do not relieve processors from the responsibility of carrying out their own tests and experiments, neither do they imply any legally binding assurance of certain properties or of suitability for a specific purpose. It is the responsibility of those to whom we supply our products to ensure that any proprietary rights and existing laws and legislations are observed.