

# KEMFAST MS350 Sealant

## DESCRIPTION

Kemfast MS350 is a one-component, moisture-cured Hybrid MS elastomeric sealant. After curing, it provides a permanently elastic bond to seal and fasten materials with different coefficients of expansion.

## ADVANTAGES

- Good adhesion to most common construction substrates including concrete, plasterboard, wood, metals and plastics.
- Over-paintable with water based paints and membranes.
- Cures rapidly to a permanently elastic consistency with excellent cut and tear resistance.
- Low odor and non-corrosive.
- Exhibits high recovery, making it ideal for sealing dynamically moving joints.
- Excellent UV resistance.
- Does not contain solvent, silicone or isocyanate.

## APPLICATIONS

- Sealant at wall to floor junctions in water-based liquid membrane waterproofing applications
- Sealing and caulking expansion joints, pre-cast concrete panel joints and joints/sawcuts in concrete slabs.
- Waterproofing exterior lap seams in many applications, including truck trailers, RV's, metal roofs, window perimeters, HVAC units and rivet seams.
- Sealing of exposed and concealed joints of aluminum, steel, coated metals, wood, roof rails, and door hinges in transport equipment.

## TECHNICAL DATA

**CHEMICAL BASE:** Hybrid MS

**Color:** White (standard)

**CURE MECHANISM:** Moisture-curing

**DENSITY:** 1.30 ± 0.05 kg/l

**NON-SAG PROPERTIES:** Good

### APPLICATION

**TEMPERATURE:** 5°C-40°C

**TACK-FREE TIME:** 60 min. approx.  
(at 23°C and 50% relative humidity)

**CURING SPEED:** 3.5 mm/24 hrs

(at 23°C and 50% relative humidity)

**SHORE A HARDNESS :** 25 approx.

**TENSILE STRENGTH:** 1-1.5 N/mm<sup>2</sup> approx.

**ELONGATION AT BREAK:** 350% approx.

**SERVICE TEMPERATURE** (permanent) -

40°C to +90°C Short – term (1 day) 120°C

(1hour) 140°C

**SHELF LIFE** (storage below 25°C) 12 months+

---

## INSTALLATION

**CLEANING:** Clean surfaces with a compressed air, sandblast, or solvent wipe to ensure the surface is clean, dry, free of oil, grease or other contaminants that may prevent bonding.

**BACKING ROD:** Install backing rod for correct sealant dimensions and contact with the substrate. Ensure maximum adhesion to bond face. Maximum dimension of depth to width ratio should be 1:1 up to 12mm and 1:2 from 12-50mm wide joints.

**ACTIVATING/PRIMING:** Activators and/or priming may be required to achieve optimal adhesion depending on the nature of substrates. Use appropriate primer.

**APPLICATION OF SEALANT:** Cut applicator nozzle tip to desired shape and size. Insert sausage into applicator gun and slit nozzle end of the sausage, and screw nozzle into place. Install with hand or power operated gun and extrude the sealant fully into the joint. Tool to desired finish ensuring a concave shape in the sealant down the length of the joint.

**PACKAGING : 600ML.**

**STORAGE AND SHELF LIFE:** When stored at the recommended conditions in original, unopened containers, this product has a shelf life of 12 months. The shelf life of Hybrid Modified sealant is related to the temperature and humidity of the environment. The recommended storage temperature is 5-25°C, and humidity less than 50% RH. Storage at higher temperatures or humidity may shorten shelf life.

**CAUTION:** Do not use with solvent based polyurethane membrane. Avoid eye and skin contact and ingestion. Read MSDS sheet before use. Always apply a test area in an inconspicuous area prior to application to ensure compatibility with contact surfaces.

**Disclaimer:** *The user is responsible to follow current data sheets. The information shown here is as up to date and correct in detail as possible and is intended to give a fair description of the product and its capabilities based on actual service history. In practice, the substrate and environmental conditions vary widely, making it essential for the user to determine the products suitability for a particular application and that the product is not used beyond its physical limitations. As the use of this material is beyond the manufacturers control, no guarantee expressed or implied is made as to such. Liability is limited to replacement of material proved faulty. Site Inspections, suggestions made or application instructions by Kemforte Systems, given verbally or in writing are always to be reviewed by; installers, contractors, consultants and building owners responsible for design and/or installation to ensure they are appropriate to the specific application or area of use, prior to application. Kemforte Systems terms and conditions of sale apply.*



**Address:** 40 Saggart Field Rd, Minto NSW, 2566

**Web:** [www.kemforte.com.au](http://www.kemforte.com.au)

**Phone:** (02) 9190 5305

**Email:** [sales@kemforte.com](mailto:sales@kemforte.com)