

Technical Data Sheet

Emfimastic MS 60LS

Modified Silicone Polymer Adhesive Sealant

Description:

EMFIMASTIC PMS 60 is a high modulus MS polymer based elastomeric adhesive sealant. This product is odourless and does not contain isocyanate. It rapidly cures under the influence of air and substrate humidity, and turns into a flexible and long-lasting seam.

Uses:

EMFIMASTIC PMS 60 is suitable for industrial and refrigerated trailers, truck bodies, shipbuilding, air conditioning and ventilation units, sandwich panels and many other industrial applications.

Instructions for use:

Application:

All traces of oil, grease and loose paints or coatings must be systematically removed beforehand.

EMFIMASTIC MS60 shall be applied with a manual or pneumatic caulking gun on dry, clean and free of grease substrates between +5 and +35°C. After extrusion, each seam will have to

be squeezed onto the substrate edges and smoothed with a damp plastering knife. Do not apply the sealant below +5°C.

In cases of application in cold weather, warm up the cartridges to 20°C before use.

Precautions:

Before using the product, read the material safety data sheet.

In order to develop its full mechanical properties, the product must be applied at a temperature between +5°C and +35°C.

It must be applied on substrates that are clean, dry and free from oil, grease or dust.

Advantages:

Resistance to UV radiation Excellent
Suitable substrates Wood, aluminium, metals, concrete, and glass,...

Limitations:

Not suitable for long term water immersion.
Not suitable for internal swimming pool applications.

Colours:

Black Grey White

Properties:

Density	1.45 ± 0.05
Consistency	Pasty
Sagging	< 2 mm (ISO 7390)
Skin formation time at 23°C and 50% RH	30min +/- 10min
Cure rate at 23°C and 50% RH 3 mm per 24h	
Shore A hardness (ISO 868) (3 sec.)	45
Temp resistance	-40°C to +100°C
Elongation at break (ISO 8339)	>100%
Modulus at 100% elongation 0.45 MPa (ISO 8339)	
Application temperature	+5°C to +35°C

Compatibility

Water-based paints: Yes
Solvent-based paints: Incompatible with alkyd paints. Yellowing may occur.

Packaging:

600ml Sausages

Cleaning:

Tools can be cleaned with xylene or toluene before curing. After cure, mechanical cleaning is required.

Shelf Life:

Shelf life : 12 months sealed original packaging.
Storage temperature : Between +5°C and +25°C.

Safety:

This product is not classified as hazardous according to Worksafe Australia however skin irritation and sensitisation may occur in sensitive individuals. Please consult M.S.D.S. for this product for further information.

Guarantee / Warranty:

We warrant our products to be free of defects and manufactured to rigid quality control specifications. As it is impossible to control the use and application of the products, the company's liability is limited to replacing such quantities of product as are proven to be defective. The company disclaims any claims for repainting or other labour resulting from the use of the product. No responsibility is assumed for consequential damages arising from the use of the product. All other warranties including (merchantability or fitness for a particular purpose) are excluded. No representative of the company is authorised to grant any warranty or waive this limitation of liability. All claims concerning product defects must be made within twelve months of shipment. Absence of such claim in writing during this period will constitute a waiver of all such claims with respect to such product.

Adequate Tests: The information contained in this bulletin we believe is correct to the best of our knowledge and tests. The recommendations and suggestions contained herein are made without guarantee or representation as to the results. We recommend that adequate tests be made in your laboratory or plant to determine if this product meets all your requirements.