



VERSATHANE MASTIC RAPID

Issue No.02 Sep 2022

Page 1 of 2

PRODUCT DESCRIPTION

A high build solvent free two pack polyurethane repair mastic. Highly resistant to marine and industrial environments, buried conditions, ground water, effluents, salt water, and a wide range of oils and chemicals. Extremely abrasion resistant, high mechanical strength.

INTENDED USES

Designed for the rapid repair of damaged coatings, filling of holes and cracks on steel structures. Providing a quick return to service of damaged substrates.

Meets the performance requirements of GIS/CW6:2020.
Meets the performance requirements of BS EN 10290.
Meets the performance requirements of AWWA C222.
BS6920 WRAS Water Fittings Directory Certificate 2206509

TECHNICAL INFORMATION

Colour	Grey (18 B 21) additional colours available
Finish	Semi-gloss
Curing Agent	Versathane Hand Applied Activator
Mix Ratio	3 parts Base : 1 part Activator by volume
Specific Gravity	Base: 1.30 Activator: 1.22 Mixed: 1.28
Volume Solids	100%
Recommended Film Thickness	1.0 - 2.0 mm depending on service conditions.
Theoretical Spreading Rate	1 m ² / litre @ 1000µm
Application Method	Brush, putty knife, trowel or spatula
Re-coat	When touch dry and within 24 hours of initial application.
Drying Times at 20°C	Touch Dry less than 1 hour Hard Dry 4 hours
Full Cure at 20°C	5 days or minimum shore D65

SURFACE PREPARATION

Steel:

Ensure surfaces are free from contamination. Prepare surfaces by abrasive blast cleaning to ISO 8501-1 Sa 2 ½. - surface profile depth 75-100 microns.

Mechanical tools may also be used providing a surface profile of minimum 75 microns can be achieved. Do not polish/burnish the steel surface.

Overlap onto existing coatings: remove any loose material to establish a firm edge. Feather sound coating and abrade surface to provide a key. Thoroughly abrade to remove gloss, surface contaminants etc. by suitable method (sweep blasting, abrasive disk etc.)



VERSATHANE MASTIC RAPID

Issue No.02 Sep 2022

Page 2 of 2

Concrete:

Remove all laitance and other contaminants by blast cleaning. Ensure the concrete is dry to a reading of less than 10% moisture. Seal with Versathane LV Sealer.

The temperature of the substrate must be at least 3°C above the dew point during application and relative humidity below 80%. Do not apply when rain, mist, sleet or snow are imminent.

APPLICATION

This product is supplied in two containers as a unit. Always mix a complete unit in the proportions supplied. Add hardener to base and stir thoroughly to a uniform mix. Ensure all material on the sides and bottom of the container are fully incorporated. Decant into a plastic container and re-stir prior to application. Apply evenly to the required film thickness.

Use product within stated Pot Life 3 – 5 minutes at 20°C

Cleaning solvent. All equipment must be cleaned thoroughly immediately after use with **Pracsolv 1**

REGULATORY DATA

Packaging Supplied in 0.1 litre and 0.2 litre composite packs

Flash Point 200°C

VOC 0 g/litre

Shelf life: 24 months from date of manufacture when stored in the original sealed containers at 20°C. Hardener component contains Diisocyanates and as from 24.08.23 adequate training is required before industrial or professional use.

SAFETY PRECAUTIONS

Refer to the product Material Safety Data Sheet supplied by Advanced Barrier Coatings Ltd. Ensure all waste materials and empty containers are disposed of in accordance with local regulations.

Disclaimer

The information given in this technical data sheet - whether verbal, or in writing is for guidance only and is given in good faith, but without warranty. This also applies where proprietary rights or third parties are involved. Any person using Advanced Barrier Coatings Ltd products without first making further enquiries as to the suitability of the products for the intended purpose and testing the products to assess their fitness for the purpose does so at their own risk. The application and surface preparation are beyond our control and are therefore your own responsibility, and we can accept no liability for the performance of the products arising out of such use. The information contained in this data sheet is liable to modification at any time and it is the user's responsibility to ensure that this sheet is current prior to using the product.