

LOW VISCOSITY MP PRIMER

ThistleBond

A Division of E. Wood Ltd., U.K.



ThistleBond 'Low Viscosity MP Primer' is a high performance, low viscosity solvent free polymer coating designed for use a coating system for timber and GRP structures in marine environments.

ThistleBond 'Low Viscosity MP Primer' consists of a unique blend of polymer resin combined with polyamino amine adducts, which have been specifically selected to provide the optimum level of penetration, adhesion and overcoatability.

ThistleBond 'Low Viscosity MP Primer' is simple and easy to use and is particularly suitable for laying up fiberglass and similar materials. Various fillers can also be added to make glue, fillet joints and fairing compounds.

ThistleBond 'Low Viscosity MP Primer' is ideal as a penetrative primer for prepared GRP surfaces prior to high build resin systems.

SURFACE PREPARATION & APPLICATION PROCEDURE

Steel Surfaces

All steel surfaces to be coated should be abrasive blast cleaned to a minimum SA 2 in accordance with BS7079 Part A1:1989, near white metal finish. All loose abrasive dust and debris must be blown clear or vacuum cleaned away. Hydro cleaning may be required to remove absorbed salts / chemicals and neutralization is to be done prior to coating. Coating should be done within 2-4 hours of blasting.

Timber / Phenolic GRP Surfaces

Surface should be decreased using ThistleBond 'SFE Thinners' to remove oil, grease and other contamination. Surfaces should then be abraded using 80-100 grade emery paper. Surface must be completely dry prior to application.

Mixing

'Low Viscosity MP Primer' is a two component material comprising resin and hardner components which must be mixed in 2:1 ratio prior to use. Stir contents of resin component. Continue stirring and gradually add total contents of hardner container, stir the combined mix completely homogeneous. The material should be used within 30 minutes of mixing at 20°C. This time will be reduced at higher temperatures and extended at lower temperatures.

Application Procedure

Ensure ambient temperature is not below 7°C and relative humidity should not exceed 85%. 'Low Viscosity MP Primer' can be applied by brush or roller taking care to avoid excessive film build, ensuring that any dry fibers are completely wetted out. For roller application use a short pile acrylic type roller refill. Before use remove roller fluff using 40 grit sand papers. In case of over coating, aim to apply subsequent coats on to 'Low Viscosity MP Primer' when previous coat reaches "tacky" stage in order to achieve the best possible adhesion between coats. If previous coat is allowed to fully harden then the surface must be sanded prior to over coating.

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PHYSICAL CONSTANTS

Mixing Ratio	Resin	Hardner
By volume	2	1
Appearance	Resin	Hardner
Liquid	Clear	Clear
Drying Time @ 20°C		
Usable Life	30 Minutes	
Touch Dry	2 Hours	
Hard Dry	16 Hours	
Volume Solids	100%	
VOC	Nil	
Shelf Life	5 years	
Recommended Thickness	100 microns	
Coverage per kilogram	9.6 m ² @ 100 microns	

SUPPLY INFORMATION

Stock No : TL505

Description : Low Viscosity MP Primer

Pack Size : 2 kg

* for further information see Chemical Resistance Chart

RECOMMENDED APPLICATIONS

- Over coating window for most top coat finish systems
- Primer coat for top coat systems being used to protect timber / wood surfaces or GRP surfaces in marine and industrial environments
- Primer coat for structural wood / steel work in cooling towers, bridges
- Primer coat prior for chemical storage tanks

Distributor catering to your needs



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