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BONDON 200 EPOXY PRIMER

PRODUCT DESCRIPTION

A fast drying, high solids anti-corrosive epoxy primer for metallic substrates.

USES

As a quick drying shop or site primer for use in industrial locations, general fabrications and superstructures. Bondon 200 can be applied in a wet on wet application with Purlac HS90 Enamel.

TECHNICAL PROPERTIES

Colour	Buff (other colours available on request)
Finish	Eggshell
Curing Agent	Bondon 200 Curing Agent
Mix Ratio	3 Base : 1 Curing Agent by volume
Specific Gravity	Base 1.67, Curing Agent 1.01, Mixed 1.50
Volume Solids	70 +/- 2%
Recommended Film Thickness	60 - 200µm WFT / 42 - 140µm DFT
Theoretical Spreading Rate	5 – 16 m ² /Lt (assuming no losses)
Application Method	Spray
Flash Point	20°C
VOC	240g/Lt

Drying Times	10°C	20°C	30°C
Touch Dry	1½ hours	30 minutes	20 minutes
Hard Dry	3 hours	1 hour	45 minutes
Full Cure	7 days	5 days	3 days
Minimum Overcoat	1½ hours	30 minutes	30 minutes
Maximum Overcoat*	3 days	3 days	3 days

**Surface to be dry and free from contaminants. When maximum recoating time is exceeded, the surface must be abraded before overcoating to ensure intercoat adhesion. Possible to force dry: flash off time 15 min, followed by 30m in @ 80°C*

CERTIFICATION/APPROVALS

RECOMMENDED SYSTEMS All conventional topcoats and Bondon Intermediates

SURFACE PREPARATION

Steel: Oil and grease must be removed by solvent cleaning according to SSPC-SP1. Remove weld spatter and smooth weld seams and sharp edges as applicable. Abrasive blasting to minimum SA2½ then apply primer immediately.

Repair: Corroded areas should be power tool cleaned to ST3 or blast cleaned to SA2 or better. Existing systems must be dry and free from salt, grease and other contaminants. There should be no loose paint and edges of existing coatings should be well feathered and tightly adhering.

PRODUCT APPLICATION

Mixing	Mix 3 parts Base with 1 part Curing Agent by volume. Mix thoroughly. Pot life 45 minutes @ 20°C.
Thinners	Thinner No.5
Brush	Suitable for small area maintenance only.
Conventional Spray	Thin 10% with Thinner No.5 Use 50-60 psi pressure and 1.4-1.6 diameter nozzle.
Airless Spray	Ready for use, do not thin. Use tip 0.45-0.59 mm, 60-80° angle and 2000-2500 psi pressure. We would recommend the use of plural equipment.
Air Assisted Airless Spray	Ready for use, do not thin. Use 800-1000 psi pressure and 1.4-1.8 mm diameter nozzle.
Cleaner	Thinner No.5
Cleanup Considerations	All equipment should be cleaned immediately after use with Thinner No.5 It is advisable that equipment should be cleaned/flushed during the course of application, the frequency of which will depend on the volume of material used and timescale over which applied. Ensure all waste materials (including packaging) are disposed of in accordance with local regulations.

HEALTH, SAFETY & ENVIRONMENTAL

This product must be used in accordance with the Material Safety Data Sheet supplied.
The user must observe local health, safety and environmental regulations when using this product.
Consult if there are any concerns over the suitability of this product.

PACK SIZES

5 and 20 litre composite packs

PACK WEIGHTS

5Lt: 7.8Kg 20Lt: 32Kg

STORAGE CONDITIONS

Store in sealed containers at 10-25°C. Shelf life 12 months (unmixed). Ensure strict stock rotation is in place.

LIMITATIONS

Do not apply when RH exceeds 85%, the surface is less than 3°C above dew point or surface temperature is below 5°C. Note the pot life of Bondon 200 is quite short and if using conventional equipment, the equipment should be thoroughly cleaned before pot life expires.

DISCLAIMER

The information given in these specifications and technical advice - whether verbal, or in writing or by way of trials 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 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, use and processing of the products 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, beyond the value of the goods delivered by us. The information contained in these data sheets is liable to modification from time to time in the light of experience and our policy of continuous development.

It is the user's responsibility to ensure that this sheet is current prior to using the product.