BERGER PAINTS PROTECTIVE COATINGS

RAPID AIR DRY 15

Quick Drying Primer cum Top Coat

PRODUCT DESCRIPTION

A high quality Primer/ Finish coat based on quick drying synthetic polyester resin incorporating anticorrosive pigments.

- Rapid drying.
- Good anticorrosive properties.
- Improves shop floor productivity.
- Good durability and weathering properties appropriate to the product requirement.

DESIGNED USE

- Suitable as quick drying finish for interior structural steel
- Suitable as quick drying finish for upto C3 Environment as per ISO12944 Part 2

PHYSICAL DATA

VOLUME SOLIDS (Based on ASTM D2697)	49% ± 2 %
TYPICAL DRY FILM THICKNESS	60 microns
WET FILM THICKNESS	122 microns
THEORETICAL COVERAGE	8.2 m^2/litre @ 60 microns DFT
VOC "As Supplied" (Based on ASTM D3960)	441 gms/ltr
COLOUR	Limited Colours
FINISH	Semi-Gloss

APPLICATION DETAILS

METHOD OF APPLICATION :

AIRLESS SPRAY	This is the recommended method of application: Maximum 5% Thinner may be added. Tip Size: 0.48 - 0.58 mm (0.019 - 0.023 in) Pressure: 100 - 120 kg/cm^2 (1500 - 1700 psi)
CONVENTIONAL SPRAY	This is also a suitable method of application. Maximum 20% Thinner may be added Tip Size: 1.80 - 2.20 mm (0.071 - 0.087 in) Pressure: 2.75 - 3.45 kg/cm^2 (40 - 50 psi)
BRUSH OR ROLLER	May be used for difficult shapes or touch-up. However, additional coats may be required to achieve the recommended film thickness. Dipping is also another method of application.

DRYING TIME:

Surface Temperature	Touch Dry	Hard Dry	Over coating Interval	
			Minimum	Maximum
15°C	20 mins	6 Hrs	6 Hrs	Indefinite
25°C	10 mins	3 Hrs	3 Hrs	Indefinite
35°C	5 mins	1½ Hrs	1½ Hrs	Indefinite
45°C	2 mins	10 mins	15 mins	Indefinite

NO. OF COMPONENTS	One
Application Conditions	Do not apply this product if the Relative Humidity exceeds 85% or if the substrate temperature is within 3°C of the dew point

ADDITIONAL INFORMATION

Thinner / Cleaning solvent	Solvalux 7-25
Storage Instruction	Store in a cool shaded dry area
Flash Point	30°C
Packaging	5 USG
Shelf Life	12 months from the date of manufacture.

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SURFACE PREPARATION

For best results the surface should be treated as follows prior to application.

- Remove all wax, oil and grease by solvent cleaning in accordance with the guidelines given by SSPC-SPI.
- Where necessary remove weld spatter and round off all rough weld seams and sharp edges to a smooth surface.
- Abrasive blast clean the surface to a minimum standard of Sa l Swedish standard SIS 05 59 00 or ISO 8501-1 : 1988 or Mechanical cleaning using hand or power tools to a minimum standard of St 2 Swedish standard SIS 05 59 00 or ISO 8501-1: 1988 is also acceptable. However take necessary care to avoid polishing.
- The average surface profile of 35 micron is acceptable but this average should not exceed 50 microns.
- After blasting remove dust from the surface. The surface to be coated must be clean and dry.

TYPICAL COATING SYSTEMS

System	Priming	2nd Coat	3rd Coat (Optional)
Single Coat (Primer cum Finish Coat)	Rapid Air Dry 15		
Multiple Coats	Rapid Air Dry 10	Rapid Air Dry 15	Rapid Air Dry 15

PRODUCT USE RESTRICTIONS

- Dry film thickness may vary depending on the method of application.
- For exterior use the product should be suitably top coated.
- The product is not suitable for top coating with two-pack epoxy and polyurethane coatings.
- Dry heat resistant up to 80^0C.
- "Indefinite" over coating interval indicates fairly long time but within the life span of the coating.
- May also be applied between 50 and 60 Microns DFT
- Contact Berger Representative for suggesting suitable paint system

SAFETY PRECAUTIONS

- Avoid contact with the skin and eyes. Wear suitable protective clothing such as overalls, goggles, dust masks and gloves. Use a barrier cream.
- Ensure that there is adequate ventilation in the area where the product is being applied. Do not breathe vapor or spray.
- This product is flammable. Keep away from sources of ignition. Do not smoke. Take precautionary measures against static discharge. In case of fire – blanket flames with foam, carbon dioxide or dry chemicals
- Refer to MSDS for further information.

FIRST AID

- Eyes: In the event of accidental splashes, flush eyes with water immediately and obtain medical advice
- Skin: Wash skin thoroughly with soap and water or approved industrial cleaner.
- DO NOT USE solvent or thinners.
- Inhalation: Remove to fresh air, loosen collar and keep patient rested.
- Ingestion: In case of accidental ingestion, DO NOT INDUCE VOMITING. Obtain immediate medical attention

DISCLAIMER

The information provided on this data sheet is not intended to be complete and is provided as general advice only. It is the responsibility of the user to ensure that the product is suitable for the purpose for which he wishes to use it. As we have no control over the treatment of the product, the standard of surface preparation of the substrate, or other factors affecting the use of this product, we are not responsible for its performance nor would we accept any liability whatsoever or howsoever arising from the use of this product unless specifically agreed to in writing by us. The information contained in this data sheet may be modified by us from time to time, and without notice, in the light of our experience and continuous product development.

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