

PRODUCT CHARACTERISTICS

Primer system that improves adhesion of secondary coats or for sealing of concrete surfaces. Suitable for application to concrete, glass, steel, polyester and fibreglass substrates. Approved for food contact.

PRODUCT DESCRIPTION

Two pack isophthalic polyester resin and hardener.

PRODUCT INFORMATION

Volume solids:	100%
Mix ratio:	100%
	Hardener (HA 200) 1% - 3% volume by weight (depending on temperature and other environmental factors).
Typical thickness range:	25 - 100µ
Theoretical coverage:	16.6m ² /kg @ 50µ (Allow for application losses, surface irregularities, etc).
Pack sizes:	5 and 20 kgs

SURFACE PREPARATION

Pre-treatment

Surfaces shall, if necessary, be degreased in order to ensure that all oil, grease and surface contaminants are removed prior to blast cleaning.

Blast Cleaning

STEEL SUBSTRATE

Abrasive blast to Sa 2½ in accordance with ISO 8501-1. Minimum 75 microns surface profile.

NEW CONCRETE

Allow 28 days for new concrete to dry out prior to commencement of work.

May require light abrasive blasting to achieve suitable key for maximum adhesion purposes.

OLD CONCRETE

Pre-treatment required to remove contaminants from substrate and to provide a uniformly roughened surface. Approximately 0.5 - 1.0cm should be removed by this operation.

Depending on condition of substrate and operating environment, pre-treatment may involve a number of methods, i.e. abrasive blasting, wire brushing, power grinding or acid etching.

Mechanical pre-treatment to be followed by thorough cleaning, preferably by vacuum.

APPLICATION DATA

Method:	Conventional/airless spray, brush or roller.		
Thinner:	No thinning agents to be added.		
Cleaner:	S11		
Recoating interval:	Min:	30 mins - 2 hrs	(touch dry).
	Max:	Unlimited.	
Pot life:	30 - 80 min @ 23°C		
Curing time:	24 hrs @ 15°C (depending on temperature and other environmental conditions).		

APPLICATION

Constituents:		Polyester resin and hardener.
Conventional/airless spray:	Pump:	Minimum 33:1 ratio.
	Tip size:	(15 - 21 thou.).
Brush or roller:		For inaccessible or awkward areas or when spray application is not required or feasible.

LIMITATIONS

Pot life:	Vigilant care and attention to pot life is required during application. If gelling has started, do not apply.
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ENVIRONMENTAL CONDITIONS

Blasting or application should **NOT** be carried out when :-

Relative humidity is > 85%
Air temperature < 5°C
Substrate temperature < 3°C above dew point of surrounding air.

SAFETY PRECAUTIONS

It is the policy of CHEMCO INTERNATIONAL to ensure that its products are handled and applied by professionally approved and skilled applicators. Application shall be carried out in accordance with instructions contained in this data sheet and referenced to CHEMCO INTERNATIONAL TECHNICAL SPECIFICATION MANUAL. CHEMCO INTERNATIONAL management are intent on ensuring all work is carried out in accordance with company HEALTH & SAFETY procedures and all materials are handled with due care to COSHH regulations and instructions.

STORAGE

Store in cool, dry conditions (not less than 4°C or above 20°C).
Keep away from direct heat source and sunlight.
When not using the material always replace the lid on the container.

SHELF LIFE

At least 12 months when stored in sealed containers at temperatures of not less than 4°C or above 20°C.
At temperatures above, refer to manufacturer for advice.

DISCLAIMER: The information contained herein is to the best of our knowledge accurate and current and is given in good faith without warranty. Users are deemed to have satisfied themselves independently as to the suitability of our products for their particular purpose. In no event shall Chemco International be liable for consequent or incidental damages.

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