

## PRODUCT CHARACTERISTICS

A brominated vinylester offering maximum degree of fire retardancy.  
Excellent resistance to severe chemicals at high temperatures and superior toughness properties.  
Outstanding resistance to caustic alkalies, hypochlorite bleaches and hot water.  
Preferred choice for high temperature fume/flue gas handling equipment.  
Low maintenance and ease of reparability.

## PRODUCT DESCRIPTION

Two pack vinylester system reinforced with screened glassflake.  
Gives a nearly smooth finish that can be made to any colour.

## PRODUCT INFORMATION

Colour:	Standard off white (other colours available on request).
Volume solids:	100%
Mix ratio:	Hardener (HA 300) 1% - 3% volume by weight (depending on temperature and other environmental factors).
Cure:	Catalyst induced cross-linking polymerisation.
Typical thickness range:	350 - 1,000 microns per coat.
Theoretical coverage:	1.5m <sup>2</sup> /kg @ 500 microns. (Allow for application losses, surface irregularities, etc).
Temperature resistance:	Wet: Continuous (125°C). Atmospheric/Intermittent (155°C).
	Dry: Continuous (155°C). Atmospheric/Intermittent (195°C).
Pack sizes:	5 and 20 kgs.

## APPLICATION DATA

Method:	Airless spray, roller, brush or trowel.
Thinner:	<b>No thinning agents to be added.</b>
Cleaner:	S11
Recoating interval:	Min: 2 - 4hrs (touch dry).
	Max: Unlimited.
Pot life:	20 - 60 minutes.
Curing time:	24 hrs @ 15°C (depending on temperature and other environmental conditions).

## APPLICATION

Constituents:	Vinylester resin and hardener.
Airless spraying:	Pump: Minimum 45:1 ratio with a fluid twist tip.
	Tip size: RD 364 (21 - 27 thou. Ideal 23 thou.) 60° angle.
	RD 332 (33 - 39 thou. Ideal 35 thou.) 60° angle.
Brush, roller or trowel:	For inaccessible or awkward areas, or when spray application is not required or feasible.
	For application of RD 308 (largest screened glassflake vinylester coating).
	To obtain correct orientation of screened glassflake particles, use a styrene-dipped roller.

## LIMITATIONS

Pot life:	Vigilant care and attention to pot life is required during application. If gelling has started, do not apply.
Airless spraying:	Suitable only for coatings reinforced with 0.4mm (RD 364) and 0.8mm (RD 332) screened glassflake particles.

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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.

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## 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.

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## 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.

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## SHELF LIFE

At least 6 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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