

PRODUCT CHARACTERISTICS

Excellent resistance to high temperatures, thermal ageing, severe chemical, corrosive and abrasive environments.
 Provides a tough impermeable barrier suitable for steel and concrete surfaces.
 Suitable for application in high temperature flue gas plant & equipment.
 Proven resistance to aviation fuels, methanol/water mixtures.
 Low maintenance and ease of repairability.

PRODUCT DESCRIPTION

Two pack vinyl ester 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%
 Cure: Catalyst induced cross-linking polymerisation.
 Temperature resistance: (wet) Continuous (125°C) Atmospheric/Intermittent (155°C)
 (dry) Continuous (155°C) Atmospheric/Intermittent (195°C)
 Pack sizes: 5 or 25 kgs

| Product part A | Glassflake size (") | Description | Hardener part B (quantity) | Typical DFT (µ) | Specific gravity (g/cc) | Theoretical coverage | Application method | Equipment required |
|----------------|---------------------|--|----------------------------|-----------------|-------------------------|---------------------------------|-----------------------------------|--|
| RB 300 | None | Sprayable, light duty vinyl ester without glassflake | HA 300 (1 - 3% V/W) | 100 - 300 | 1.1 - 1.2 | 4.3 m ² /kg @ 200 µ | Airless spray brush/roller | Pump : 33:1 Tips : 17' - 21' Ideal : 19' |
| RB 300L | None | Sprayable, hand lay up vinyl ester laminating system | HA 300 (1 - 3% V/W) | 100 - 300 | 0.9 - 1.0 | 5 m ² /kg @ 200 µ | Airless spray brush/roller | Pump : 33:1 Tips : 13' - 17' Ideal : 15' |
| RB 364 | 1/64 | Sprayable, chemical resistant lining system vinyl ester glassflake | HA 300 (1 - 3% V/W) | 300 - 800 | 1.2 - 1.3 | 1.5 m ² /kg @ 500 µ | Airless spray brush/roller | Pump : 63:1 Tips : 27' - 33' Ideal : 31' |
| RB 332 | 1/32 | Spray, hand applied medium duty vinyl ester glassflake | HA 300 (1 - 3% V/W) | 500 - 1500 | 1.2 - 1.3 | 0.8 m ² /kg @ 1000 µ | Airless spray brush/roller trowel | Pump : 74:1 Tips : 33' - 42' Ideal : 36' |
| RB 308 | 1/8 | Hand applied, heavy duty vinyl ester glassflake | HA 300 (1 - 3% V/W) | 750 - 2500 | 1.2 - 1.3 | 0.8 m ² /kg @ 1000 µ | Hopper gun brush/roller trowel | N/A |
| RB 300TC | None | Special top coat vinyl ester system | HA 300 (1 - 3% V/W) | 100 - 200 | 1.1 - 1.2 | 8.5 m ² /kg @ 100 µ | Airless spray brush/roller | Pump : 33:1 Tips : 17' - 21' Ideal : 19' |

APPLICATION DATA

Thinner: **No thinning agents to be added.**
 Cleaner: S11
 Flow agent/rolling aid: S12
 Retardant: S31
 Recoating interval: Minimum: 2 - 4hrs (touch dry).
 Maximum: unlimited, preferably within 48 hours.
 Pot life: 20 - 60 minutes.
 Curing time: 24 hours @ 15°C (depending on temperature and other environmental conditions).

APPLICATION

Constituents: Vinyl ester resin and hardener.
Brush, roller or trowel: For inaccessible or awkward areas, or when spray application is not required or feasible. For application of RB 308 (largest screened glassflake vinyl ester 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.

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 (C.I.) 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 C.I. 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 (below 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 6 months when stored in sealed containers at temperatures of 20°C or below. 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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