

PRODUCT CHARACTERISTICS

Multi-purpose, single pack, water-base acrylic coating for concrete and other cementitious substrates. The coating is very adaptable and user-friendly.

Short drying time provides optimum benefits of productivity and reduced downtime to both client and contractor. This product is safe and can be easily applied to damp surfaces (no standing waters) and in high humidity.

RN 500GTC is ideal as a UV resistant top-coat for epoxy coating systems for tanks, structures in petrochemical, offshore and power generation industry.

RN 500FR is specifically designed as a top-coat for cementitious fire protection systems. The coating offers a very high flexibility and crack bridging properties.

The main advantage of the system is its ability to be applied on freshly applied fire protection, hence reducing the down time. The system allows controlled drying out of the substrate whilst offering excellent protection against the elements and UV attack.

RN 500RC is specifically designed as a roof coating.

It offers outstanding exterior durability and UV resistance. Long lasting, low temperature flexibility with good resistance to impact.

The coating offers very good adhesion to difficult substrates and excellent protection against carbonation.

PRODUCT DESCRIPTION

Single pack, water-based, acrylic coating.

PRODUCT INFORMATION

Colour: Standard white (other colours available on request).
 Pack sizes: 5 ltr and 25 ltr (other pack sizes are available on request).

Product	Description	Volume solid (v/v%)	Typical DFT (μ)	Density (g/cc)	Theoretical coverage (m ² /ltr)
RN 500P	Masonry primer	30% ±1	25 - 50	1±0.01	6 - 12
RN 500GTC	Gloss top-coat	60% ±1	60-120	1.2±1	5-10
RN 500FR	Fast dry flexile top-coat	52%±1	52 - 104	1.4±0.02	5 - 10
RN 500RC	Flexible roof coating	62%±1	250 - 500	1.45±0.05	1.2 - 2.5

APPLICATION DATA

Method: Brush, roller or spray.
 Thinner: Not normally required. Can be diluted with water (max. 10%) for spraying.
 Cleaner: Water.
 Pot life: Unlimited.
 Drying time@ 20°C (up to 250μ):

<u>Touch</u>	<u>Hard</u>	<u>Over-coating</u>
Dry	Dry	Interval
20-30 mins	60-90 mins	24 hrs

SURFACE PREPARATION

Substrate must be free from oil, grease, dirt, dust and any other contaminates. For concrete application it is very important that surface laitance is completely removed. For further information, refer to application instruction or consult Chemco sales/technical department.

ENVIRONMENTAL CONDITIONS

Do NOT apply coating at temperatures below 10°C. **Ideal** conditions when coating may be applied are:-

Temperature: 10 - 30°C
Relative humidity < 70%
Efficient air supply or good ventilation is required.

SAFETY PRECAUTIONS

It is the policy of CHEMCO INTERNATIONAL LTD (CIL) 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 CIL TECHNICAL SPECIFICATION MANUAL. CIL 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 (between 10 and 25°C). Keep away from direct heat source and sunlight.
When not using material always replace the lid on the container.

SHELF LIFE

12 months when stored in sealed containers at temperatures between 10-25°C.
At temperatures above or lower, please 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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