

**Chem - thane™**  
RE 700  
Water-based Fluorescent Top-coat



## PRODUCT CHARACTERISTICS

Water-based single pack polyurethane/acrylic hybrid fluorescent coating for safety and decorative use.  
Good weathering and UV resistance.  
Semi-gloss, fast drying, chemically resistant coating.  
Non-toxic, lead and chromate free.  
Virtually odourless.

## PRODUCT DESCRIPTION

Single pack, water-based polyurethane/acrylic hybrid fluorescent coating.

## PRODUCT INFORMATION

Colour:	Standard red (limited colour range available).
Volume solid v/v%:	40 ± 1
Density:	1.15 - 1.2g/cc
Typical thickness range:	DFT: 40 - 60 microns WFT: 100 - 150 microns (corresponding).
Theoretical coverage:	6.7/ltr @ 150 micron WFT
Pack size:	1 ltr and 5 ltrs (larger packs available on request).

## APPLICATION DATA

Method:	Conventional/airless spray, brush or roller.
Thinner:	Water (max 10% by volume) only for spraying if required.
Cleaner:	Water.
Pot life:	Unlimited.
Drying time @ 20°C:	Touch dry                      Hard dry 10 - 15 mins                  10 - 12 hrs
Over-coating:	1 hour (depending on temperature and other Environmental conditions).

## SURFACE PREPARATION

All surfaces must be free from contaminants and thoroughly degreased.  
To enhance the effect of fluorescent, this coating should be applied on white gloss coating (RX 500GS water-based epoxy gloss).

## ENVIRONMENTAL CONDITIONS

Do not apply at temperatures below 10°C. Ideal environmental conditions for application are:-

Temperature:	10 – 30°C
Relative humidity:	< 70%

Good ventilation or airflow is required for satisfactory cure.

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## 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.

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## STORAGE

Store in dry conditions (between 10°C – 30°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 12 months when stored in sealed containers at temperatures of between 10°C – 30°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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