

PRODUCT CHARACTERISTICS

A solvent-free low odour polyurethane coating/sealant with outstanding flexibility and UV resistance. Excellent abrasion and impact resistance. Surface tolerant with good adhesion and ease of application. Ideally suited as a one-coat system for almost any substrate such as metal, concrete, plastic, wood etc. Suitable for a wide range of applications including internal and external protection of pipes, vessels and structures.

PRODUCT DESCRIPTION

Two pack polyurethane coating system.

PRODUCT INFORMATION

Colour:	Grey (other colours available on request).
Volume solids:	100%
Density:	1.35 g/cc
Mix ratio:	Mix part A (resin RD 700) and part B (hardener HD 700) in proportionate weights as supplied.
Cure:	Cross-linking polymerisation.
Typical thickness range:	200 – 1000 microns.
Theoretical coverage:	3.70 m ² /kg @ 200 micron thickness. 0.74 m ² /kg @ 1000 micron thickness. (Allow for application losses, surface irregularities, etc).

APPLICATION DATA

Method:	Brush, roller and scraper.
Thinner:	No thinning agents to be added.
Cleaner:	S11
Recoating interval:	Minimum: 4 - 6hrs (touch dry). Maximum: Unlimited.
Pot life:	2 hours @ 20°C
Full cure:	8 - 12 hours (depending on temperature and other environmental conditions).

APPLICATION

Constituents:	Two pack polyurethane system consisting of resin and hardener.
Mixing:	Mix components at ambient temperatures thoroughly to achieve an even consistency.

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 above 70%

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 12 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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