



The Chemical Company

# UCRETE LOCK COAT EP

## Description of product

UCRETE LOCK COAT EP is a two component, solvent free, epoxy resin designed to provide a tough clear coating.

UCRETE LOCK COAT EP has good light stability with excellent mechanical properties.

UCRETE LOCK COAT EP is designed as an integral part of the UCRETE HPQ flooring system.

## Application

One coat is adequate for most situations, but two or more coats can be applied if a smoother, but less slip resistant, surface is required.

Do not apply when atmospheric condensation is occurring or likely to occur before full cure is attained, ie, when the dew point is reached or when the ambient or substrate temperature is within 3°C of the dew point. Add the part B to the part A and mix thoroughly with a slow speed electric drill and paddle for at least 2 minute, pour into a third container and mix for a further 1 minute.

Pour the UCRETE LOCK COAT EP into an industrial paint tray and apply by roller to the substrate. Continue rolling to ensure complete coverage and wetting out of all surfaces. For heavy applications apply by squeegee and back roll.

Prior to application of a second or subsequent coat check that the surface is tack-free. Re-coating time is dependent upon humidity and temperature, but under most conditions a second

coat can be applied after 12 hours.

The time between coats must not exceed 48 hours.

Normally, UCRETE LOCK COAT EP can be walked on after 24 hours, and is serviceable after 48 hours.

## Packaging

Two component unit: 10kg.

## Coverage

Typically: 0.25 - 0.5 kg/m<sup>2</sup> depending upon the required surface texture

## Cleaning

Cleaning of plant and equipment should be undertaken well away from the application area. Xylene may be used to clean equipment, tools and spillages. In the case of spillages, excess material must first be absorbed onto sawdust or other disposable absorbent medium. Use correct handling procedures with solvents and take care to avoid any accidental spillage or splashes onto coated surfaces.

## Maintenance

UCRETE LOCK COAT EP can be maintained with normal cleaning procedures. The use of a neutral detergent is recommended.

## Storage

All parts of UCRETE LOCK COAT EP should be stored under cover and free of the ground. Protect from moisture and direct sunlight. Storage conditions should be dry, above 5°C and below 30°C.

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## Watchpoints

Appropriate health and safety advice can be found in the Material Safety Data Sheets.

Users are advised to wear gloves and eye protection when mixing and applying UCRETE LOCK COAT EP

## Health and Safety

\*For full information on Health and Safety matters regarding this product the relevant Health and Safety Data Sheet should be consulted.

The following general comments apply to all products.

As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs, (which may also be tainted with vapour until the product is fully cured and dried). Treat splashes to eyes and skin immediately. If accidentally ingested, seek medical attention. Keep away from children and animals. Reseal containers after use.

## Solvent Based Products

Use in well ventilated areas; avoid inhaling. Suitable respiratory equipment may be needed, eg when spraying. Can cause skin, eye irritation. Wear protective eye shields and gloves during use. Do not smoke or allow sparks or naked lights when stored or in use.

## Powder Products

Should be handled to minimise dust formation; use light mask if excessive dust unavoidable. Cement powders when wet or moistened can cause burns to skin and eyes which should be protected during use.

## Resin Products

Can cause irritation, dermatitis or allergic reaction. Use protective equipment particularly for skin and eyes. Use only in well ventilated areas.

## Spillage

Chemical products can cause damage; clean spillage immediately.

## Disclaimer:

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\* Properties listed are based on laboratory controlled tests.

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