



The Chemical Company

UCRETE LOCK COAT PU

Description of Product

UCRETE LOCK COAT PU is a one component, solvent free, aliphatic polyurethane designed to provide a tough clear coating.

UCRETE LOCK COAT PU is light stable and non yellowing with excellent mechanical and chemical resistant properties.

UCRETE LOCK COAT PU is designed as an integral part of the UCRETE HPQ and UCRETE TZ flooring systems.

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. Shake the can well before use.

Pour the UCRETE LOCK COAT PU into an industrial paint tray and apply by roller to the substrate. Continue rolling to ensure complete coverage and wetting out of all surfaces. Avoid ponding. It is important to achieve the stated coverage rates.

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 5 hours. The time

between coats must not exceed 16 hours.

Normally, full cure is reached after 24 hours, but under very cold, dry conditions this may be extended to 48 hours.

Packaging

6kg per can.

Coverage

1st coat	0.18-0.21 kg/m ²
Optional	
2nd coat	0.14-0.16 kg/m ²

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 PU can be maintained with normal cleaning procedures. The use of a neutral detergent is recommended.

Storage

UCRETE LOCK COAT PU 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 PU.

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.

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We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer.

Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

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* Properties listed are based on laboratory controlled tests.

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