

Moisture Cure Polyurethanes

Everlac's Kuretop's dry with atmospheric moisture. They are chemically resistant, moisture impervious and exceptionally tough. For application to a variety of substrates including concrete, metal, wood and plastic.

PURPOSE

Everlac's KureTop's are available as either aliphatic (non-yellowing) or aromatic (yellowing) both in pigmented or clear and are suitable for treating all types of surfaces. They are of particular value where damp penetration is an issue, especially concrete where there are often problems with conventional paints. They can be applied on plastic and used as an anti rust treatment on ferrous and non-porous metals additionally they will act as a total moisture barrier on wood e.g. as a floor treatment for exterior or interior use.

METHOD OF APPLICATION

Surfaces must be clean, dry and free from substances such as oil and grease that will affect adhesion. Limited dampness either on the surface or in the atmosphere will promote curing, although visually damp or wet surfaces must be dried prior to application. Do not apply if relative humidity is above 75%.

Old paint surfaces must be removed unless they are sound and intact. **Everlac's** KureTop's films tend to shrink as they cure and may cause partially intact old paint films to 'pull up' at the edges.

Metal surfaces must be fully degreased with a strong solvent such as Xylol.

Rusty surfaces and patches must be mechanically abraded feathering back to a sound edge so that at least 20 mm of clean metal is available outside the rust. Galvanised and other special finishes should not be coated without consulting **Everlac**.

Smooth power floated concrete surfaces must be thoroughly abraded (acid etched) before treatment. New concrete must have a moisture content of less than 4% and residual relative humidity less than 75%. The concrete must have an effective damp proof membrane.

Everlac's KureTop's should not be applied when the temperature of the surface to be coated is less than 3°C above the dew point. Substrate temperatures should be between 2°C to 25°C.

An Anti-slip Aggregate is available to scatter on the final coat whilst wet.

SPECIAL PROPERTIES

- Long lasting
- Exceptionally tough hard film
- Very good adhesion
- Impervious to moisture
- Chemically resistant

Brushing and Rolling – **Everlac's** KureTop's should be applied in thin coats to avoid surface blistering. Second and subsequent coats need to be applied within 24 hours while the previous coat is still tacky. Mechanical abrading is required to provide a mechanical key if the previous coat hardens.

Spraying - All general spray systems may be used. For airless systems a tip size of 17 –21 thou for gloss is recommended. If necessary thin up to 10% with **Everlac** Polyurethane thinners. A quick cure thinners is available which will cut drying and curing times by approximately 50% at any temperature. Lines must be flushed immediately after use and during meal breaks.

Primer – Should provide an even visible base; keep intervals between coats to a minimum of 12 hours.

TECHNICAL DATA

COLOUR – Clear or Pigmented (Gloss).

DRYING AND CURING - Touch dry 2 hours hard dry 24 hours

COVERAGE – 10-12m² / litre at 45-40 microns DFT.

STORAGE AND SHELF LIFE – 9 months unopened.

CLEANING EQUIPMENT – **Everlac** Polyurethane Thinners (quick cure thinners is not appropriate for this purpose).

PACKAGING - 5 litre and 25 litre cans.

FLASHPOINT - 32°C

HEALTH & SAFETY - **Everlac** KureTop's coatings contain no free monomer but care should be taken during application. Smoking is strictly prohibited. Wear face masks gloves and protective clothing.

Material Safety Data Sheet is available on request.