

UNISEAL

Rev. 2018

Superior UV Stable Solvent Based Acrylic Concrete Sealer

Product Description

UNISEAL can be applied on interior or exterior surfaces. The product is a non yellowing sealant for concrete, slate, paving bricks, quarry tiles and exposed aggregate surfaces.

UNISEAL can be applied to all dry surfaces, its gloss will depend on porosity of surface and number of coats applied and can be varied as required. Supplied in clear or coloured.



Applications

As a clear sealer to concrete slabs, protection of concrete from oil and grease stain and dust proofing of concrete. Depending on traffic and abrasive, sand and gravel eroding surface, life should be between 1-4 years before re-coat becomes necessary. Uniseal is ideally suited for porous substrates. If the surface is 'dense' or polished, Uniseal must be thinned, typically 1:1 with Xylene or Uniseal Thinner.

Product Features

- Penetrative sealer on most surfaces
- Highly trafficable, suitable for trucks, forklifts and other vehicles
- Extremely durable, but is subject to failure in chlorine environments
- Economical
- Easy to apply, but note health & safety requirements
- Easy to maintain the surface
- Available in clear, plus colours: light grey, earl grey or charcoal

Hazard Warnings

POISON

**KEEP OUT OF REACH OF CHILDREN
NOT TO BE TAKEN
READ ALL DIRECTIONS BEFORE OPENING**



UNISEAL

TECHNICAL DATA

Coverage

First coat diluted by 20% with Xylene or Thinner = 8-12 m² per litre.
Second coat apply neat Uniseal, coverage = 8-12 m² per litre.

Specifications

<i>Supply form</i>	Liquid
<i>Colour</i>	Clear or coloured
<i>Specific gravity</i>	Approx. .99 Kg/Lt
<i>Application temp</i>	Min.5 deg. Celsius Max. 30 deg Celsius
<i>Over-coating time</i>	4 - 6 hours
<i>Full cure</i>	7 days (23 deg. eel.)

Applications Directions

Surface to be sealed must be free from dirt, oil, grease and other contaminants. If these are present, clean surface with degreaser and flush residual with large amounts of water scrubbing whilst washing down the area. Repeat until surface is clean. Acid etch concrete if surface is very smooth use 1 part hydrochloric acid diluted with 10 parts water. Broom on surface, leave for 10 minutes - do not let dry out, then hose off with copious amounts of water, allow to dry before sealing.

POROUS SURFACES:

FIRST COAT:

If coloured sealer, must be mixed with a mechanical spiral mixer, stir before application. Thin first coat with 10% to 20% Uniseal Thinner or Xylene to aid permeation of first coat. Apply coating evenly with brush, roller or spray gun. Do not allow sealer to form into pools and do not apply too thick a coat as this can cause blistering to occur.

SECOND COAT:

Apply neat from drum as above, do not dilute. Apply any time after first coat has dried, from approx. 4 to 12 hours depending on temperature.

DENSE SURFACES:

If the surface is 'dense' or polished, Uniseal must be thinned, typically 1:1 with Xylene or Uniseal Thinner.

Cleaning

UNISEAL can be removed from tools and equipment by applying Xylene or Uniseal Thinner.

Packaging

UNISEAL is supplied in 1, 4, 10 and 20 litre drums.
Shelf life is 12 months if drum kept tightly closed.

Handling Precautions

UNISEAL is a combustible liquid. (Category 3)
Provide adequate ventilation. (Narcotic effects)
Store away from naked flames, sparks and heating.
Skin corrosion or irritation (Category 2)
Avoid contact with skin and eyes. Wear protective equipment and clothing.
If skin contact occurs, wash skin thoroughly. If swallowed do not induce vomiting, give a glass of water. If poisoning occurs seek medical advice

Refer to product Safety Data Sheet for additional safety information

