



# UNIVERSAL SEALER

## PRODUCT DESCRIPTION

A clear alkali resistant solvent based styrenated acrylic resin sealer.

## PRODUCT FEATURES

A low viscosity clear versatile sealer. Designed to have excellent penetration of porous surfaces. Recommended for use on previously lime-washed, under bound & excessively porous surfaces as a sealer prior to application of a paint specification. Ideal for sealing roof tiles prior to application of Roof & All. Suitable for masonry surfaces to bind, strengthen & seal, thereby reducing the amount of finishing paint to be applied.

## TECHNICAL INFORMATION

Colour:	Clear
Appearance:	Gloss
Generic type:	Styrenated acrylic
Total solids:	25%
Viscosity:	25 seconds (Ford cup No 4)
Spreading rate:	8 – 10m <sup>2</sup> / litre
Solvent:	Industrial Thinners
Mix ratio:	Single pack ready for use
Packaging:	1 litre, 5 litre, 20 litre & 200 litre on request

## SURFACE PREPARATION

All surfaces are to be clean & dry & free from loose paint, oil, grease & other contamination.

## APPLICATION

Universal Sealer should be applied to correctly prepared surfaces e.g.

WOOD:	Sanded & dust free
MASONRY:	Remove as much as possible of Powdery surface with wire brush & sand paper. Excessively powder of lime-washed walls should be power washed prior to application of Universal Sealer.
Airless spray:	10% dilution recommended Nozzle pressure: 100 – 120 bar Nozzle orifice: 0.015"
Conventional spray:	15% dilution recommended Air pressure: 2 – 3 bar Nozzle orifice: 1.5 – 2mm
Brush and Roller:	Dilute 1 <sup>st</sup> coat 15%
Clean up:	Use Mineral Turpentine or Lacquer Thinners

## ENVIRONMENT

It is recommended that application be confined to the following:

Surface temperature:	Min. 5°C	Max. 45°C
Ambient temperature:	Min. 5°C	Max. 45°C
Relative humidity:	Min.0%	Max.85%

Or at least 3°C above Dew point

Do not leave container open when not in use, as a skin forms on the surface.

## POT LIFE

Infinite. Air drying after evaporation of thinners. Do not leave container open.

## DRYING TIME

The drying time is dependent on temperature & ventilation. The higher the temperature & the better the ventilation, the shorter the touch dry & hard dry times.

<i>Substrate Temperature</i>	<i>Touch Dry</i>	<i>Hard Dry</i>
25°C	35 minutes	12 hours

## OVERCOATING TIMES

10°C	24 hours
15°C	20 hours
20°C	16 hours
25°C	12 hours

All the above are given as guidelines & can not be assumed to be absolute, as variances will result from different film thickness, environment & temperature.

## STORAGE AND HANDLING

Store away from sunlight, open flames & severe cold.

Shelf life:	1 year in original sealed containers
Flash point:	24°C

## LIMITATIONS

Must be over coated within 72 hours to avoid excessive hardening. Do not apply in heavy films, most especially when intending to over coat with acrylics, as the glass like surface will not allow acrylics to bond well to the surface. Not suitable for wet alkali surfaces, or surfaces which have been previously coated with oil paint or metal surfaces.

## SAFETY PRECAUTIONS

Work with PVC gloves & safety glasses & ensure good ventilation. When spraying with Universal Sealer, work in well ventilated areas & wear a suitable respirator. This product contains flammable materials. Keep away from sparks & open flames. No smoking should be permitted in the area.

KEEP OUT OF REACH OF CHILDREN.

Information Provided is based on Laboratory evaluations and data believed to be reliable.  
Recommendations are given in good faith but without warranty. It is the user's responsibility to determine the suitability for their own use.  
It is not to be considered a guarantee of the products properties.

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