

IDEAL SEALER

Clear acrylic solvent based sealer.

DESCRIPTION

IDEAL SEALER is a clear, acrylic; solvent based sealing and curing membrane, specifically designed for curing, sealing and protecting all types of decorative and standard concrete surfaces. The sealer can also be used to protect and bring back the beauty of existing decorative and plain concrete.

IDEAL SEALER has been formulated using high molecular weight acrylic copolymer resins. IDEAL SEALER is a non-yellowing, non-styreneated, clear sealer that is resistant to oil grease, petroleum products, de-icing salts, UV light, wet and dry abrasions and many household chemicals and foodstuffs. The chemical may vary with the condition of the concrete, surface preparation, method of application and length of time of exposure to the chemical. Where specific resistance is required to a known chemical, a sample should be prepared with the materials involved to determine if the sealer is suitable.

IDEAL SEALER is helpful in preventing concrete dusting and spalling and in reducing the likelihood of plastic shrinkage and cracking caused during curing. Surfaces sealed and protected with IDEAL SEALER are easier to clean and maintain than unsealed concrete.

IDEAL SEALER contains specially formulated resins and solvents that are designed for maximum penetration into the concrete surface. IDEAL SEALER greatly enhances the rich colours of IDEAL WORK Colour Hardener and IDEAL WORK Powder Release and many other decorative concrete finishes, whilst simultaneously creating a protective barrier.

Ideal Sealer is a slightly viscous clear liquid available in Medium, Regular and Superior50 solids that give varying degrees of performance in line with their contents. Ideal Sealer Antiskid (Slip-resistant) and Ideal Sealer Antiquing (give antiqued effect to stamped concrete) complete the line of Ideal Work sealers. In addition, a matting agent is available. If added to Ideal sealers it gives a matt effect to all the treated surfaces.

PROPERTIES

- Easy application
- Cure & Seal
- High to Medium Solids
- Easy-to-Apply
- High Coverage Rates
- Can Be Spray Applied

APPLICATION

Stir well before use.

IDEAL SEALER should be applied in two coats by an airless sprayer or by roller. The second coat should be applied after the first has dried, which is usually the next day.

Application should only be onto concrete surfaces that are completely dry and free of curing agents, dirt, oil, grease, paints, waxes and any other compounds that may prevent penetration of and adhesion to the surface.

IDEAL SEALER should never be applied during rain or when rain is forecast within the next 24 hours.

LIMITATIONS

IDEAL SEALER should only be used on concrete surfaces. It should never be used in areas subject to continuous water submersion, chemical exposure, concentrated abrasion and scratching, or metal wheeled traffic.

COVERAGE

IDEAL SEALER has a coverage rate of approximately 7 - 8m² per litre per coat and should be applied in two coats. Coverage will depend on the method of application and the porosity and texture of the concrete.

TECHNICAL INFORMATION

DESCRIPTION	UNI STANDARD	RESULTS
Specific weight	UNI EN ISO 2811/1-02/03	920±20 g/l (Ideal Sealer -Regular) 900±20 g/l (Ideal Sealer -Medium)
Viscosity 4-23° C	UNI EN ISO 2431-08/02	26±2" (Ideal Sealer -Regular) 15±2" (Ideal Sealer-Medium)
Water absorption coefficient 24 hours	UNI EN ISO 1062-3	W ₂₄ =0,011 Kg/m ² t ^{1/2}
Taber Wear Index	UNI EN ISO 7784-2/1997	0,0006
Resistance to mold	UNI EN ISO 11021	No development after 14 days
Resistance to liquids	UNI-EN ISO 2812-1 I. DIESEL II. LUBRICANT OIL III. SEAWATER IV. CHLORINATED POOL WATER	No variation of brilliance after 24 h and 16 h of rest

PACKAGING

IDEAL SEALER is packaged in 20 litre containers that should be protected from freezing conditions. If IDEAL SEALER becomes frozen and then thaws, it must not be used.

STORAGE

Ideal Sealer should be kept in a safe place and the seal should not be broken until use. Shelf life is approximately 1 year.

WARRANTY

Ideal Sealer is not intended for public use, it is intended for use by experienced and trained concrete contractors. Ideal Work has no control over the use of materials in the field. If there is a failure within our manufacturing tolerances, Ideal Work will only be responsible for the cost or the replacement of the materials proven to be defective.

The end user shall be responsible for determining product suitability and assumes all risk and liability.

SUGGESTIONS AND WARNINGS

Please read data sheets of the products COLOUR HARDENER, POWDER RELEASE AGENT before use.

IMPORTANT:

All information contained in this data-sheet is based on the best practical and laboratory expertise. The customer is responsible for checking the product is suitable for use. The producer does not accept any responsibility arising from wrong applications. We recommend testing the products on small surfaces before use. This data-sheet replaces and annuls the previous ones. Data might be changed anytime. We also remind you that Ideal Work products are for professional use and Ideal Work provides customers with training opportunities upon request. Whoever uses these products without authorisation, shall take full personal responsibility and at their own risk.

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