

REDICURE ACRY

Acrylic based
curing compound



Description:

REDICURE ACRY is an acrylic polymer based non-degrading, single component, white curing compound. It is also suitable for use as a sealer and dust proofer for floors and walls.

Uses:

Provides a curing, sealing and dustproofing compound, which can be used in a wide range of applications:

- High rise construction to eliminate water curing
- Floors, warehouses, slabs and columns
- Dustproofing concrete walls and floors
- Clear sealer for concrete
- Self-curing, primer system to subsequent coverings

Advantages:

- Eco-friendly - water based, free from solvent, oils waxes, chlorinated or saponifiable materials
- Excellent moisture retention for freshly placed concrete, resulting in minimising shrinkage cracks
- Suitability for foot traffic
- Versatile - can be applied equally well to freshly placed or existing concrete
- Cost effective - can be over-coated with water based and solvent based acrylic coatings, epoxy coatings, polyurethane coatings

Product Standard Compliance:

ASTM C309 Type 1, Class B, AS 3799

Company Standard Compliance:



Technical Information:

Properties	Specification
Appearance	White liquid
Moisture loss (ASTM C156)	<0.55 kg/m ²
Drying Time (ASTM C135)	3 hrs @23°C
Application Temperature	>5°C to < 50°C

Method Of Application:

Preparation

REDICURE ACRY should be gently stirred immediately prior to use to ensure uniformity of the material as applied.

New concrete Application to freshly placed concrete should not begin until the surface is free from water, and should not commence at all if bleed water is apparent. REDICURE ACRY should be applied as soon as practically possible after removal of shuttering, and whilst the concrete surface is still damp. However, any traces of laitance, grout runs or loose material should be removed.

Application

REDICURE ACRY should be applied uniformly by brush, roller or spray, with no overlap of applications. Under standard site conditions, a single coat of REDICURE ACRY applied at a uniform rate of 5.0 to 7.4m² per liter. In case of sealing and dust proofing application, 2 coats at the above range must be applied. The second coat should be

applied at coverage of 10-15m² per litre. The applied film should not be trafficked until fully dry, and care should be taken to ensure that the film is not broken.

Spray equipment

Motorised or knapsack spray equipment, which produces a fine spray, is recommended for use with REDICURE ACRY.

Cleaning

Spray equipment should be cleaned immediately after use by flushing through with water.

Any residual traces of resin which are left in the nozzle may be cleaned with warm water.

Subsequent Finishes:

The resin used in REDICURE ACRY allows direct application of many floor coverings and paint systems, as given typically below:

- Water based emulsion paints containing PVA, PVC, acrylicco-polymers.
- Bituminous emulsions and solutions
- Thin section polymer modified cement systems
- Epoxy resin coatings which do not rely on penetration for substrate bond
- Polyurethane coating
- Water and solvent based acrylic coatings

Coverage:

1 litre REDICURE ACRY will cover 5 to 7.5 m² area.

Packaging:

It is supplied in 20 & 200 lit drum.

Storage & Shelf-life:

1 year from the date of manufacturing if stored in cool dry place under shaded area and if unopened sealed pack condition surface after completion of the preparation work.

	It is the practice of increasing efficiency with which buildings use resources- energy, water and materials-while reducing building impacts on human health and the environment.
	ISO 45001 is the world's international standard for occupational health and safety, issued to protect employees and visitors from work-related accidents and diseases.
	ISO 9001:2015 is a globally recognized standard for quality management systems (QMS). It helps organizations of all sizes and sectors to: Improve performance, Meet customer expectations, Demonstrate commitment to quality, and Identify and improve processes that lack consistency.
	ISO 14001 is the internationally recognized standard for environmental management systems (EMS). It provides a framework for organizations to design and implement an EMS, and continually improve their environmental performance

Health & safety:




- Avoid swallowing, inhaling, or allowing contact with skin or eyes
- Wear goggles when spraying
- Ensure adequate ventilation
- Wash skin with clean water and apply skin conditioning cream if there is contact with skin
- Rinse eyes with clean water if there is contact with eyes
- Seek immediate medical attention if irritation persists or if the compound is swallowed
- Dispose of excess waste material in accordance with local legislation

Fire:

REDICURE ACRY is non-flammable.

Legal Notice:

The information, and, in particular, the recommendations relating to the application and end-use of Redwop products, are given in good faith based on Redwop's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Redwop's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Redwop reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

	This symbol is used to identify Redwop products which give off a low level of volatile organic compounds (VOC) as certified by GEV (Gesellschaft Emissionskontrollierte Verlegewerkstoffe, Klebstoffe und Bauprodukte e.V.), an international organisation for controlling the level of emissions from products used for floors.
	Our Commitment To The Environment Redwop products assist Project Designers and Contractors create innovative LEED (The Leadership in Energy and Environmental Design) certified projects, in compliance with the U.S. Green Building Council.
	ISO/IEC 17025 enables laboratories to demonstrate that they operate competently and generate valid results, thereby promoting confidence in their work both nationally and around the world.

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