

Dencrete™ WR Part A

Branched, castor oil-based polyol emulsion

Type

Branched, castor oil-based polyol emulsion.

Form supplied

Solvent-free, white liquid.

Uses

In the formulation of heavy duty industrial floorings with high chemical and temperature resistance.

Solubility / thinnability

Dencrete™ WR Part A cannot be thinned and must be used as is.

Compatibility

Generally speaking, Dencrete™ WR Part A is compatible with polyols and MDI and HDI polyisocyanates. Given the many different products on the market, compatibility testing is always advisable.

Applications

Dencrete™ WR Part A is used as a polyol component in hybrid polyurethane concrete flooring systems.

Properties

Dencrete™ WR Part A is a micro emulsion and offers therefore very good

flowing properties in combination with extremely long storage stability.

Dencrete™ WR Part A enables the use of formulations with high filler ratios.

Dencrete™ WR Part A is suitable for use in the formulation of three-component coatings. These are mainly used on concrete and asphalt floors and steel surfaces.

After crosslinking and curing of Dencrete™ WR Part A with MDI, the resultant coatings are tough and flexible, hard-wearing and chemical resistant.

Dosage

Volume is depending on specific formulation. Guiding formulations are available on request.

Storage

When stored in originally sealed containers the product will remain stable for at least 6 months. Dencrete™ WR Part A must be stored in room temperature and in original container. Always protect from frost.

Packing

1, 2.5, 5, 10 kg units

Custom tariff code

CN 158009900

Labeling and REACH applications

This product data sheet is only valid in conjunction with the latest edition of the corresponding Safety Data Sheet. Any updating of safety relevant information – in accordance with statutory requirements – will only be reflected in the Safety Data Sheet, copies of which will be revised and distributed. Information relating to the current classification and labeling, applications and processing methods and further data relevant to safety can be found in the currently valid Safety Data Sheet.

Important Note

Dencoat™'s products are guaranteed against defective materials and manufacture and are sold subject to our standard terms and conditions of sale, copies of which may be obtained on request.

Further Information

Where other products are to be used in conjunction with this material, the relevant technical data sheets should be consulted to determine total requirements. Dencoat™ has technical and practical experiences build over many years. You are welcome to call us for advice and technical assistance.

Technical data

Chemical description	Polyol emulsion
Dry matter (125°C, 1 h)	67%
Gravity (25°C)	1,01 g/cm ³
PH Value	9,25 – 9,35
Viscosity	200 mPas ± 10%
Renewable	72%
OH Value (mg KOH/g)	550

CE	
Dencoat™ International · E-mail: info@dencoat.com · Website: www.dencoat.com	
22 ¹⁾	
WR A - 001	
EN 13813 SR-AR1-B1,5-IR4	
Synthetic resins for internal uses (Application in accordance with the newest technical information)	
Reaction to fire:	B _{fl}
Release of corrosive substances (Synthetic Resin Screen):	SR
Water permeability:	NPD ²⁾
Wear resistance (Abrasion Resistance):	< AR 1 ³⁾
Bond strength:	> B 1,5
Impact resistance:	< IR 4
Sound insulation:	NPD ²⁾
Sound absorption:	NPD ²⁾
Thermal resistance:	NPD ²⁾
Chemical resistance:	NPD ²⁾

CE-labelling

- 1) Last two digits of the year in which the ce marking was affixed.
- 2) NPD = No performance determined.
- 3) Refers to a smooth surface without broadcasting.

DenCoat™ E-mail: info@dencoat.com · Website: www.dencoat.com

This information and all further technical advice is based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to the technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out by only qualified experts in the sole responsibility of a customer. Please contact DenCoat for the latest version. All our documents, offers, ect. are in association with our general sales, delivery and application conditions.