

1. Product Description

StenCure® RW is a ready-to-use, polymer-based curing compound that prevents water loss in fresh concrete by forming a film. Meets the requirements of ASTM C 309 Type I Class B and TS 10966 A-1.

2. Uses

StenCure® RW forms a protective layer on the fresh concrete surface and prevents water loss. It prevents strength loss and shrinkage cracks that may be caused by premature drying. The curing compound sprayed on the concrete surface makes it unnecessary to take any other precaution (watering or laying wet straw matting, wet sand and plastic sheeting) for the same purpose.

Due to these properties, **StenCure® RW** is used on all types of large concrete surfaces exposed to outdoor conditions, especially airports, runways, aprons and parking areas, concrete access roads, bridges, dams and irrigation canals, prestressed beams, concrete slabs and similar places. **StenCure® RW** can be used for both indoor and outdoor applications. After the material has cured, all types of cement and resin-based applications can be applied over surfaces treated with **StenCure® RW**.

3. Application

3.1. Application

StenCure® RW is supplied ready to use. Once the fresh concrete surface has become matte, the product is sprayed onto the surface as a thin layer without delay. Spraying can be carried out with a sprayer.

Concrete surfaces must be protected from rain for three hours after application of **StenCure® RW**. It is applied at 150-250 g/m² depending on wind, humidity and temperature.

3.2. Cleaning

Application equipment can be cleaned with hot water after work is completed.

4. Safety

Applicators and supervisors must read the Safety Data Sheet (SDS) carefully and follow the instructions provided. Emptied packages must be disposed of in compliance with relevant regulations and laws. The application must be carried out by skilled workers under the supervision of experts and the applicators must use all personal protective equipment required for the worksite and the task such as goggles, mask and gloves.

5. Storage

Protect the product from freezing. Products must be stored at +5 °C to +35 °C in enclosed storage protected from direct sunlight. Shelf life is 1 year in unopened packaging. Frozen material cannot be reused.

Water Retentive Polymer-Based Emulsion for Concrete

Highlights

- Polymer-based
- Prevents cracks that may occur during curing by forming a protective layer on fresh concrete
- Prevents water loss
- Prevents shrinkage cracks
- Prevents strength loss of the concrete
- Suitable for large outdoor concrete surfaces such as airports, runways, aprons, parking areas, concrete roads, bridges and dams
- All types of cement- and resin-based applications and coatings can be applied over the treated surface



6. Disclaimer

This document is provided for general information and is based on **Stenkim**[®]'s laboratory data and field experience at the time of publication. **Stenkim**[®] reserves the right to revise this information without prior notice.

Stenkim[®] warrants that its products conform to the stated specifications on delivery. The buyer is responsible for determining the product's suitability for the intended purpose and for all conditions of transport, storage, application, and use. **Stenkim**[®] accepts no liability for results obtained under conditions outside its control. **Stenkim**[®]'s liability under this warranty is limited to replacement of non-conforming product and excludes any consequential or indirect damages.

7. Technical Data

Property	Method	Result
Chemical Composition		Polyacrylate Emulsion
Color		White
Density	EN ISO 2811-2	1.02 ± 0.05 g/cm ³
Application Rate		150-250 g/m ²
pH	ISO 4316	7 ± 1
Shelf Life		1 year
Packaging		200 kg drums or 1,000 kg IBCs

Stenkim[®] reserves the right to make changes to the values in this table at any time.

