

Technical Data Sheet

redstone™ - WOS

Anti-Condensation Coating

Aqueous, solvent-free coating for the regulation of indoor air humidity and the prevention of mold growth

Area of application:

redstone™ WOS Anti-Condensation Coating:

- to prevent the growth of mold
- to absorb excess humidity in indoor air
- to prevent condensation on surfaces
- to create a healthier and comfortable indoor climate
- to be applied on almost all common surfaces:
 - mineral surfaces such as plaster, concrete, masonry and calcium silicate
 - primed metal surfaces
 - adherent and sustainable coatings such as mineral, dispersion and acrylic coatings

System components:

- redstone™ WOS Anti-Condensation Coating
- redstone™ WOS Primer (for high absorbing surfaces)

Properties:

redstone™ WOS Anti-Condensation Coating

- aqueous, solvent-free acrylic paint
- < 0.13 oz of VOC per gallon
- non-hazardous and eco-friendly
- easy to apply
- allows vapor diffusion
- prevents condensation
- can be applied with a paint brush, roller or spray gun
- moisture control by surface enlargement
- can be textured
- tinting possible up to 10%

The data contained in this document are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions or technical data etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed. All former technical leaflets are replaced by this one.

Technical data:

Material	Aqueous, solvent-free acrylic coating with mixed polymers
Pigment base	Titanium dioxide
Color	Natural white
pH-value	Approximately 8.5 mol/l (at 68°F)
Density	1.6 kg/dm ³
Viscosity	High viscosity
Solubility	Water soluble
Usage	0.2 lbs per ft ² (1 kg per m ²)

Directions for use:

It is recommended to perform an analysis of the area before application (e.g. humidity analysis). Follow the instructions on the Technical Data Sheets of the system components.

Pre-treatment of surface:

The surface must be clean, adherent and sustainable, free of residuals (acid salts, bitumen, coatings, oil, etc.) as well as mold. Contaminated materials (e. g. gypsum material or wallpaper) must be removed. Highly absorbing surfaces should be treated with approx. 0,6 fl oz/ ft² (200 ml/m²) redstone™ WOS Primer, applied with a paint roller, brush or spray gun. Approx. 60 minutes drying time.

Processing:

Do not process under 41°F, in direct sunlight or frost.

Before application stir aqueous mixture slowly for at least 3 minutes to decrease viscosity and to achieve an ideal texture for processing. Best results if applied with sheep skin paint roller, brush or by spraying. Apply two layers at approximately 0.15 - 0.25 lb per ft² (0.8 - 1.2 kg per m²). Let the first layer dry for approximately 1 hour before applying second layer. Coating can be tinted with dispersed paint (water-soluble) up to 10%. Depending on temperature, air velocity and humidity, redstone™ WOS Anti-Condensation Coating dries within 24 hours. Complete drying time can take up to several days. redstone™ WOS Anti-Condensation Coating evaporates water during the drying period – room ventilation is recommended.

Cleaning:

Clean tools with water immediately after use.

Content:

11 lbs (5 kg) bucket

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Safety Advices:

Caution:

- May cause irritation to eyes and skin
- Dust may irritate the respiratory system
- Keep out of reach of children
- Avoid skin contact
- Avoid contact with eyes
- Avoid prolonged inhalation of fumes
- Do not ingest

First Aid:

- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice if symptoms occur
- In case of contact with skin, wash immediately with soap and water and seek medical advice if irritation develops
- If swallowed, contact physician immediately for assistance

Storage:

Close container air-tight and store in a cool (frost-free), dry and well ventilated location. Storage shelf life in original packaging: 12 months.

Disposal:

Dispose of contents/container in accordance with local/regional/national/international regulations. When this product as supplied is to be discarded as waste, it does not meet the definition of a RCRA waste under 40 CFR 261.

Material Safety Data Sheet:

MSDS provided upon request.

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