



## VOGATHERMO-DRY

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VOGEL SYSTEMS Technical data sheet

Date / Revised: 19.09.2018

Product: VOGATHERMO-DRY

Version: 1.0

Date of print 20.09.2018

### 1. Identification

#### Product identifier

VOGATHERMO-DRY

#### Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: Product for construction chemicals  
Recommended use: for industrial and professional users



#### Details of the supplier of the safety data sheet

Company:

VOGEL SYSTEMS

Operating Division Construction Chemicals

E-mail address: [info@vogel-systems.de](mailto:info@vogel-systems.de)

#### Emergency telephone number

International emergency number

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## Water Base Acrylic Thermal Insulating Paints

### DESCRIPTION

**VOGATHERMO-DRY** is an acrylic membrane coating with thermal insulating properties, ideal for both exterior and interior use.

It contains a nano, micro-sized thermal insulating materials block heat transfer, reflect thermal radiation and creates a moisture barrier.

It is durable, UV-resistant, impermeable, elastic and weather resistant .

### ADVANTAGES

1. Conserves energy .
2. Reflects 95% of IR radiation .
3. Watertight .
4. UV-resistant .
5. Excellent color stability and crack resistant .
6. Low V.O.C .

### APPLICATION TOOLS

Apply **VOGATHERMO-DRY** by roller or airless spray .

### APPLICATION

1. The road surface to be painted should be cleaned well, dry and totally free from oils, grease or any other contaminations which may prevent the paint adhesion.
2. It is preferable to remove the old paint in case of repainting.
3. New cement and masonry should be cured for 3-4 weeks.
4. Spraying machines are used according to the condition of each site.
5. Fill all cracks, gaps with suitable putty.
6. Prime with (Bonding primer) leave to dry overnight.
7. Apply two coats using brush, roller or airless spray .
8. Ensure that all corners and edges are covered well. Additional coats if required to be applied within 24hours.

### CLEANING

Tools and equipment should be cleaned, immediately after use, with water. Once product cures, this can only be removed by mechanical means.

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**TECHNICAL DATA**

Product properties	
<b>Density</b>	1.45 gm/cm <sup>3</sup>
<b>Elongation at break</b>	100 - 150%
<b>Thermal conductivity</b>	0.038 W/m.k
<b>Solar Reflectance</b>	98%
<b>Crack bridging</b>	up to 1.5 m
<b>%Volume solids</b>	60 %
<b>Water absorption</b>	1.35%
<b>Tensile strength</b>	0.8-1.1 N/m <sup>2</sup>
<b>color</b>	Light grey - white - Beige

**CONSUMPTION**

Estimated consumption for **VOGATHERMO-DRY** is 1 kg/m<sup>2</sup>/coat.

**PACKAGING**

**VOGATHERMO-DRY** is supplied in 20 kg sac.

**STORAGE**

Twelve months in its unopened original packaging. Store in a cool, dry and covered place, protected from moisture, frost and direct sunlight, with temperatures between 5 °C and 30 °C.

**SAFETY AND HEALTH**

**VOGATHERMO-DRY** is a low toxicity product but direct contact with skin and eyes must be avoided.

Use rubber gloves and safety goggles when handling, mixing and applying the product.