

VOGATHERMO-DRY

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VOGEL SYSTEMS Technical data sheet
Date / Revised: 19.09.2018
Product: **VOGATHERMO-DRY**

Version: 1.0

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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

Emergency telephone number

International emergency number

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.

TECHNICAL DATA

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

CONSUMPTION

Estimated consumption for **VOGATHERMO-DRY** is 1 kg/m²/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.