

VOGATHERMO-LINE

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

Version: 1.0

Date of print 20.09.2018

1. Identification

Product identifier

VOGATHERMO-LINE

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-LINE is a hot-applied thermoplastic paint for traffic signs.

GENERAL SPECIFICATIONS:

1. **VOGATHERMO-LINE** is a hot-applied paint for marking traffic signs. It is based on hydrocarbon resins, which soften with heat, and pigments which give color.
2. It also contains special fillers. - In compliance with British Specifications B.S.S.3262.
3. High resistance for friction.
4. Strong adhesion to concrete and asphalt surfaces.
5. High effective at starting temperature 170o c.

APPROXIMATE

Binders: 18 – 20 %

Micro glass beads (according to specifications): 20 %

Maximum titanium dioxide: 6%

APPLICATION TOOLS

Apply **VOGATHERMO-LINE** by spraying machine.

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. The heating temperature in the spraying machine should not be less than 150°C for white color and 170°C for yellow color.
4. Spraying machines are used according to the condition of each site.
5. The thickness of paint lines should be 1.5 – 3 mm.

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	
Specific Density (kg/liter)	2.0 ± 0.2
Flash Point	> 250°
D.F.T	1 -3 mm
Sliding Resistance	> 42
Softening Point	> 97°
Heat Stability	> 68
Flow Resistance	> 5 %
Abrasion Resistance	> 0.28 gm.
Luminance	> 71

CONSUMPTION

Estimated consumption for **VOGATHERMO-LINE** is 5.5 kg/m.

PACKAGING

VOGATHERMO-LINE is supplied in 25 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-LINE 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.