

VOGA CEM-GUARD

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VOGEL SYSTEMS Technical data sheet

Date / Revised: 19.09.2018

Product: **VOGA CEM-GUARD**

Version: 1.0

Date of print 20.09.2018

1. Identification

Product identifier

VOGA CEM-GUARD

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

Petrochemical Grade Cementitious Fireproofing

DESCRIPTION

VOGA CEM-GAURD Petrochemical Grade Cementitious Fireproofing has been developed to meet specialty petrochemical fireproofing requirements, confirms to UL 1709 and other International Fire Test Standards of High-Rise Fire with corrosion inhibitors for the protection of the steel and metal lath.

APPLICATION FIELDS

VOGA CEM-GAURD may be used for protection of structural steel, vessel skirts/supports , storage tanks in petrochemical, chemical processing, gas processing, refinery facilities and specialty utility applications including protection of concrete tunnels.

APPLICATION INSTRUCTIONS

Prior to the application of fireproofing, an inspection shall be made to determine that all steel surfaces are acceptable to receive fireproofing. Where necessary, the cleaning of steel surfaces to receive fireproofing shall be the responsibility of the general contractor.

APPLICATION TOOLS

Apply **VOGA CEM-GAURD** BY roller – brush –spray gun .

APPLICATION

- Remove dirt, surface dust, laitance and any surface contamination e.g.
- Fireproofing material shall not be used if it contains partially set, frozen or caked material.
- Formulated to be mixed with water at the job site.
- Mix and apply directly to the steel, at various rates.

TECHNICAL DATA

Product properties(At 20°C)	
Dry Density	640 kg/m ³
Bond Strength	478 kN/m ²
Compressive Strength	3780 kN/m ²
Hardness	40 (Shore D)
Air Erosion	0.000 g/m ²
Yield	1.39 m ² at 25mm thickness
Colour	upon request

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CLEANING

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

CONSUMPTION

Estimated consumption for **VOGA CEM-GAURD** Is Depends on protection required.

PACKAGING

VOGA CEM-GAURD is available in 14 lt.pack & 20 lt.pack.

SAFETYAND HEALTH

VOGA CEM-GAURD 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.

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.