

Steelguard CM 4705

Latex additive

Product Data/ Application Instructions

- **Additive for modified Steelguard CM vermiculate cement coatings**
- **Adhesion promoter in bonding coat**
- **Improves substrate adhesion**
- **Improves cohesive strength**
- **Improves early water resistance**

Product Specification

Steelguard CM 4705 is a single pack water borne copolymer adhesive for use in combination with Steelguard CM 4701, 4702, 4703 & 4704 cementitious products where water resistance is required and as a bonding agent and to improve substrate adhesion.

A bonding coat is required to ensure adequate adhesion of the Steelguard CM vermiculite cementitious fire proofing systems on suitably primed steel.

The bonding coat is a first layer on vermiculite cementitious fire proofing system with a part of the in the mix required water is replaced by Steelguard CM 4705.

Physical Data

Appearance	clear when dry
Colour	milky white liquid
Components	1
Specific gravity	1.08 kg/l
pH.....	4.5 – 5.5
Volume solids	50% ± 2%
Minimum film forming temp	0°C/32°F
Curing mechanism	air-drying

Steelguard CM 4705

Application Procedure

Steelguard CM 4705 must be thoroughly stirred before used.

The Steelguard FM 4705 is added as replacement of a specified quantity of water in the mix requirements for Steelguard CM vermiculite cementitious fire proofing materials whenever a bonding coat is required.

Replaced volume of water is specified in the product data sheets and application instructions for the Steelguard CM 4701, 4702, 4703 and 4704.

Follow the instructions given on the relevant Steelguard CM product data sheet regarding the use of this additive and the application requirements of the bonding coat.

Before using the product, read the label on the can and consult the material safety data sheet.

Application Data

Thinner Do not thin

Cleaner..... Water

Steelguard CM 4705

Shipping Data

Pack size 25 litre pails
Shipping weight approx. 30kg/25 litre
Shelf life..... 6 months from shipment date when stored in well-sealed containers at temperatures between 4 and 25°C (39 and 77°F).

Protect from frost.

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Safety

Since improper use and handling can be hazardous to health and cause of fire or explosion, safety precautions included with Product Data/Application Instruction and Material Safety Data Sheet must be observed during all storage, handling, use and drying periods.

Warranty

PPG warrants its products to be free from defects in material and workmanship. PPG's sole obligations and Buyer's exclusive remedy in connection with the products shall be limited, at PPG's option, to either replacement of products not conforming this warranty or credit to Buyer's account in the invoiced amount of the non-conforming products. Any claim under this warranty must be made by Buyer to PPG in writing within five (5) days of Buyer's discovery of the claimed defect, but in no event later than the expiration of the applicable shelf life, or one year from the delivery date, whichever is earlier. Buyer's failure to notify PPG of such non-conformance as required herein shall bar Buyer from recovery under this warranty.

PPG makes no other warranties concerning the product. No other warranties, whether express, implied or statutory, such as warranties of merchantability or fitness particular purpose, shall apply. In no event shall PPG be liable for consequential or incidental damages.

Any recommendations or suggestion relating to the use of the products made by PPG, whether in its technical literature, or response to specific enquiry, or otherwise, is based on data believed to be reliable; however, the products and information are intended for use by Buyer's having requisite skill and know-how in the industry, and therefore it is Buyer to satisfy itself of the suitability of the products for its own particular use and it shall be deemed that Buyer has done so, as its sole discretion and risk. Variation in environment, changes in procedures of use, or extrapolation of data may cause unsatisfactory results.

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PPG's liability on any claim of any kind, including claims based upon PPG's negligence or strict liability, for any loss or damage arising out of, connected with, or resulting from the use of the products, shall in no case exceed the purchase price allocable to the products or part thereof which give rise to the claim. In no event shall PPG be liable for consequential or incidental damages.

Due to PPG's policy of continuous product improvement, the information contained in this Product Data/Application Instructions sheet is subject to change without notice. It is the Buyer's responsibility to check that this issue is current prior to using the product. For the most up-to-date Product Data/Application Instructions always refer to the PPG Protective & Marine Coatings website at www.ppgpmc.com

To avoid any confusion that may arise through translation into other languages, the English version of the Product Data/Application Instructions will be the governing literature and must be referred to in case of deviations with product literature in other languages.

Condition of Sale

All our transactions are subject to our Terms and Conditions of Sale.

