



# 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
Curing mechanism .....	air-drying

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## 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

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## 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°C and 25°C.

**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 application instructions must be observed during all storage, handling, use and drying periods.

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.

## **Warranty**

Ameron warrants its products to be free from defects in material and workmanship. Ameron's sole obligations and Buyer's exclusive remedy in connection with the products shall be limited, at Ameron'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 Ameron 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 Ameron of such non-conformance as required herein shall bar Buyer from recovery under this warranty.

**Ameron 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 Ameron be liable for consequential or incidental damages.**

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In no event shall Ameron be liable for consequential or incidental damages.

## **Condition of Sale**

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