

# MasterFlame<sup>®</sup> C 3000

## Firestop coating

### DESCRIPTION

**MasterFlame C 3000** is a water based acrylic ablative coating, having excellent firestop properties.

At normal temperatures, **MasterFlame C 3000** coating remains flexible to permit thermal and mechanical movement of the services.

### TYPICAL APPLICATIONS

**MasterFlame C 3000** has been specifically developed to seal **MasterFlame B 302** pre-coated firestop board once installed in the opening. Once it is applied it prevents the passage of fire and smoke between fire rated compartments giving up to 2 hours fire resistance to EN 1366-3.

### ADVANTAGES

- Tested and approved for use in block wall, concrete, masonry plasterboard partitions and concrete floors
- Can be spray, brush or trowel applied
- Suitable for indoor use without additional environmental protection
- Remains flexible between -5°C to +70°C
- Easy to use, fibre free coating
- Flexible and water resistant
- Halogen and asbestos free, resists fungi and vermin
- VOC free

### PACKAGING AND COLORS

**MasterFlame C 3000** is supplied as a 20kg unit and available in White.

### STANDARDS

EN 13501-2  
 EN 1366-3 2009  
 EN 1366-4 2006



### TYPICAL PROPERTIES\*

Property	Test Method	Results
Specific Gravity		1.25-1.35 g/cm <sup>3</sup>
Cure Rate at 50% relative humidity 23°C		0.5 mm per day
Tack Free at 23°C, 50% RH		6 hours
Fire Resistance	EN 1366-3	Upto 2 hours
Acoustic rating	EN ISO 10140-2:2010	Upto 58 dB
Air Permeability	EN 1314 (to 600Pa)	100 Pa 1.8/1.4 m <sup>3</sup> /h/m <sup>2</sup>

### INSTALLATION

- Use rubber gloves and eye protection to avoid skin and eye contact.
- Apply mineral wool to opening.
- To install **MasterFlame C 3000** see the relevant method statement.
- Apply coating to all cut edges and joints or the boards. Can be applied via spray, brush or trowel application.
- Seal all service installations as required passing through the board.
- Maintain record of installation.
- Ensure lid is replaced on the container after use.

For full installation details and technical support please contact Master Builders Solutions Technical Services department or refer to our method statement.

### APPLICATION TEMPERATURE RANGE

Minimum +5°C  
 Maximum +40°C

### COVERAGE / YIELD

1.35kg/m<sup>2</sup> @ 1mm dft.

# MasterFlame<sup>®</sup> C 3000

## STORAGE AND SHELF LIFE

**MasterFlame C 3000** has a shelf life of 18 months from production date when stored indoors, ideally in dry frost free conditions, between +5°C and +30°C.

## QUALITY AND CARE

All products originating from Master Builders Solutions Dubai, UAE facility are manufactured under a management system independently certified to conform to the requirements of the quality, environmental and occupational health & safety standards ISO 9001 and ISO 14001.

\* Properties listed are based on laboratory controlled tests.

® = Registered trademark of the MBCC Group in many countries.

MBS\_CC-UAE/Fl\_C\_3000\_03\_18/v1/02\_22

### STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this Master Builders Solutions publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

### NOTE

Field service where provided does not constitute supervisory responsibility. Suggestions made by Master Builders Solutions either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not Master Builders Solutions, are responsible for carrying out procedures appropriate to a specific application.

**Master Builders Solutions**  
**Construction Chemicals LLC**  
P.O. Box 37127, Dubai, UAE  
Tel: +971 4 8090800  
[www.master-builders-solutions.com/en-ae](http://www.master-builders-solutions.com/en-ae)

**Disclaimer:** the TUV mark relates to certified management system and not to the product mentioned on this datasheet



A brand of  
**MBCC GROUP**