

## Technical data sheet for

# ECOMASTIC 5FR

### PRODUCT DESCRIPTION

ECOMASTIC 5FR is a halogen free, waterborne vinyl acetate copolymer dispersion.

### SPECIAL PROPERTIES

ECOMASTIC 5FR is a white, elastic mastic which transforms into a hard crust, similar to ceramic, when exposed to high temperatures derived from flames or intensive heat radiation from fire. The insulating capacity of the crust effectively extinguishes the flow of heat to treated surface. The cured mastic is elastic, weatherproof and resistant to most chemical solutions and is therefore suitable for use in locations with high air humidity and other aggressive environments.

ECOMASTIC 5FR can be repainted with topcoat, TOPCOAT W, when reconditioning or colour requested.

### FIELD OF APPLICATION

ECOMASTIC 5FR is used in fire seal system SKOTT HM for fire sealing of cable and pipe penetrations in fire partition construction. ECOMASTIC 5FR can also be used for fire protection of cables. For further information, please consult design description for current system.

### APPLICATION

The surface that is to be coated with ECOMASTIC 5FR must be free from dust and grease. Application should be avoided at temperatures below +10°C. Roller, brush or airless spraying can be used to apply ECOMASTIC 5FR. The mastic should be well stirred before application. Tools can be cleaned in water.

### DRYING TIME

At a temperature of min. +23°C and air humidity of max. 50%, following is applicable:

- 8 hours for each layer of coating.
- Cured and repaintable with approved topcoat after 3 days.

### PACKING

Plastic bucket containing 12.5 kg.  
44 buckets each pallet.



### PROTECTIVE MEASURES

*Preventive measures:* Avoid contact with skin and eyes.

**Keep out of reach of children**

*Personnel safety devices:* At handling where prolonged or repeated direct contact cannot be excluded protective gloves should be worn. Protective glasses are recommended when there is a risk of splashes. To avoid other type of direct contact suitable protective clothes are recommended.

For further information see Safety Data Sheet.

### ADDITIONAL DATA

*Viscosity:* Viscous mastic

*Flash point:* Non-combustible

*Specific gravity:* 1.4

*Non-volatile*

*content:* 75%

*Thickness:* 2 kg/m<sup>2</sup> wet mastic will give 1.5 mm wet thickness and 1.1 mm dry thickness.

*Thinner:* Water

*Storage:* 12 months for unopened packing.

**MUST BE PROTECTED AGAINST FROST**

### APPROVALS

According to different national standards. Consult Protega AB or retailer for additional information.

*All information in this sheet is to be considered as guidelines collected from technical tests and practical knowledge of the product. This information may not be used as a basis or verification for other tests or systems. Protega AB is not responsible for other application fields or incorrect handling. The user must ensure that the last revision of this document is used. Please check on [www.protega.se](http://www.protega.se)*