

## TriRoof Fire-Retardant Topcoat

### Description

Triroof Fire Retardant Topcoat is a dark grey, pre-pigmented, isophthalic acid based, filled fire-retardant roofing top-coat.

### Approvals:

Conforms to BS476 Part 3:2004, FAB classification.

When applied at a wet film thickness of 500 – 600 microns and fabricated with a single ply of 450 grams per square meter of emulsion bound chopped strand mat, consolidated with the optimum quantity of an orthophthalic acid based general purpose laminating resin onto 18 millimetre OSB3 grade board.

Contact our Technical Service Department for specific recommendations.

### Product use

TriRoof Fire-Retardant Topcoat is recommended for use in flat roofing applications where regulations specify a fire-retardant system.

### Characteristics

TriRoof Fire-Retardant Topcoat is designed for roller application which exhibits good levelling characteristics and sag resistance on inclined surfaces. The cured top-coat is tack-free and water-tight with excellent water and weather resistance providing a maintenance-free surface.

### Application

TriRoof Fire-Retardant Topcoat is designed for use at ambient temperatures between 18°C and 25°C, and requires the addition of 2% medium activity MEKP catalyst to achieve an efficient cure. For optimum performance the top-coat should be applied to a dry, dust-free surface and built up to film thickness of 500 - 600 microns to achieve the desired fire retardant characteristics in the finished structure.

Before use, the temperature of the top-coat should be 18° - 25°C.

For application at lower ambient temperatures a high activity MEKP catalyst can be used at an addition level of 2%.

### Liquid gelcoat properties

Appearance	Dark grey liquid
Liquid properties	Thixotropic
Gel time @ 25 C	<15 minutes 2% medium activity MEKP