

CrysticROOF

FR TOPCOAT



INTRODUCTION

CrysticROOF FR Topcoat is a pre-accelerated isophthalic topcoat. It is easy to apply by either roller or brush to provide a tack free finish when cured. The topcoats come pre-pigmented for your convenience.

FEATURES AND BENEFITS

CrysticROOF FR Topcoat achieves the British standard BS476: Part 3 fire specification to EXT.F.A.B. and achieves the European standard EN13501-5 fire specification to Broof(T4). Ideally the CrysticROOF FR Topcoat should be at, or above, 15°C before curing is carried out. Lower temperatures will lengthen the cure time considerably.

Stir well by hand, or with a low shear mixer to avoid aeration, and then allow to stand to regain thixotropy. CrysticROOF FR Topcoat requires only the addition of a catalyst to start the curing reaction. The recommended catalyst is Scott Bader Catalyst M (or Baycat S50), which should be added at 2% into the topcoat.

Please consult our Technical Service Department if other catalysts are to be used.

APPLICATIONS

CrysticROOF FR Topcoat is suitable for use in general flat roofing applications. For normal use, the application of CrysticROOF FR Topcoat should be controlled to 0.4 - 0.5 mm (0.015 - 0.020 inch) wet film thickness. As a guide, approximately 650-800 g/m² of topcoat mixture (depending on pigment) will give the required thickness when evenly applied.

CrysticROOF FR Topcoat should be applied to clean and dry surfaces and when used outside when rain is not likely to fall within 2 hours of application.

TYPICAL LIQUID PROPERTIES

The following tables give the minimum expected properties of CrysticROOF FR Topcoat when tested in accordance with BS 2782.

Property	Unit	Typical Values
Viscosity, 25°C 0.6s-1	Poise	20 - 100
Viscosity, 25°C 6.0s-1	Poise	250 - 350
Stability in the dark at 20°C	Months	5
Geltime at 20°C using 2% Scott Bader Catalyst M or (Baycat S50)	Minutes	7 - 10

STORAGE AND SHELF LIFE

CrysticROOF FR Topcoat should be stored in the dark in suitable closed containers. It is recommended that the storage temperature should be less than 20°C where practical, but should not exceed 30°C. Ideally, containers should be opened only immediately prior to use. Where they have to be stored outside, it is recommended that they are kept in a horizontal position to avoid the possible ingress of water.

Materials should be used within 5 months from date of production.

PACKAGING

CrysticROOF® FR Topcoat is supplied in 20kg containers.

HEALTH AND SAFETY

Please see separate Material Safety Data Sheet.



© 2020 Scott Bader Company Ltd. March 2020

All information on this data sheet is based on laboratory testing and is not intended for design purposes. Scott Bader makes no representations or warranties of any kind concerning this data. Due to variance of storage, handling and application of these materials, Scott Bader cannot accept liability for results obtained. The manufacture of materials is the subject of granted patents and patent applications; freedom to operate patented processes is not implied by this publication.

Scott Bader Company Ltd.
Wollaston, Wellingborough,
Northamptonshire, NN29 7RL
Tel: +44 (0)1933 663100
Email: enquiries@scottbader.com