

CrysticROOF

PREMIER TOPCOAT



INTRODUCTION

CrysticROOF Premier Topcoat is a pre-accelerated isophthalic topcoat which means it gives superior performance in finish and long-term weathering. It has been specifically designed to be used with CrysticROOF Premier Resin by BBA Approved contractors for flat roof applications. It is easy to apply by either roller or brush to provide a tack free finish when cured.

FEATURES AND BENEFITS

CrysticROOF Premier Topcoat has been developed to ensure good intrinsic weathering properties and good water resistance. The robust formulation ensures the topcoat is suitable for use in a wide range of application conditions.

CrysticROOF Premier Topcoat achieves the British standard BS476: Part 3 fire specification to "XXXXXX" and achieves the European standard EN13501-5 fire specification to "XXXXXX". Ideally the CrysticROOF Premier 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 Premier Topcoat requires only the addition of a catalyst to start the curing reaction. The recommended catalyst is Catalyst M (or Butanox M50), which should be added at 2% into the topcoat.

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

APPLICATIONS

CrysticROOF Premier Topcoat is suitable for use in general flat roofing applications. For normal use, the application of CrysticROOF Premier 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 Premier 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 Premier 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, 20°C using 2% Catalyst M (or Butanox M50)	Minutes	7 - 10

STORAGE AND SHELF LIFE

CrysticROOF Premier 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® Premier Topcoat is supplied in 20kg containers.

HEALTH AND SAFETY

Please see separate Material Safety Data Sheet.



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