

SILVERSEEL

TOPCOAT

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Product type

Pre-accelerated unsaturated polyester isophthalic modified fire retardant topcoat in styrene.

Appearance

BS18B25 DARK ADMIRALTY GREY

Description

SilverSeel Topcoat is a speciality Fire Retardant Roofing TOPCOAT for speciality flat roof systems

Key Features & Benefits

Filled
Fire retardant properties
Low styrene content
Low viscosity
Paraffinated
Pigmented
Preaccelerated

Application

Ensure topcoat is thoroughly mixed before use.

This top coat is ready to use - it contains wax to allow tack free curing.

Use only the recommended MEKP Peroxide dosage.

Shelf life and storage

Please ensure you rotate stock and use within shelf life
Please note the Shelf life for this product relates to unopened containers; Only open container prior to use
Read carefully the Safety Data Sheet before use
Store in the shade, out of direct sunlight. Keep storage temperature below 25°C. Shelf-life will be reduced at higher temperature.

CHARACTERISTICS ⁽¹⁾

Properties	Test Method	Unit	Typical values
Storage stability at 23°C in the dark Density - 25°C	MT-CG 001O	months	4
Solid content	MT-CG 001C	g/cm ³ %	1.4-1.5 70-84
Rheology			
Brookfield viscosity at 25°C, sp 5 rpm 5	MT-CG 025V	mPa.s	11000-16000
Brookfield viscosity: 5 rpm / 50 rpm at 25°C	MT-CG 025V		4.0-4.8
Reactivity			
Gel Time at 25°C + 1,8% MEKP50	MT-CG 004R	minutes	7-13
Curing time at 25°C + 1,8% MEKP50	MT-CG 004R	minutes	12-28
Peak exotherm at 25°C + 1,8% MEKP50	MT-CG 004R	°C	110-150
Film Properties			
Tack free Film cure : 500-700u at 25°C	MT-CG 901R	min.	<60

1) Thoroughly test the gelcoat in your applications before full-scale use. Geltimes may vary due to the reactive nature of these materials and due to different brands of curing additives. Always test on small scale before formulating large quantities.

PROPERTIES OF THE GELCOAT'S BASE RESIN IN CURED STATE ⁽²⁾

Curing cycle	16h at 40°C	
HDT	ISO 75-2A (2013)	°C
Tensile strength	ISO 527 (2012)	MPa
Elongation at break	ISO 527 (2012)	%

2) Properties are typical values, based on material tested in our laboratories, but varies from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

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