

SafeCoat® Clear II Fire Retardant Coating is a two-component, ultra-low VOC, clear intumescent coating designed for application to wood surfaces where a Flame Spread Rating of 25 or less (Class A) is required.

SafeCoat® Clear II limits the spread of flame by expanding and forming a char when exposed to heat. The expanded char insulates the wood from heat and reduces the oxygen available for combustion at the wood surface.

SafeCoat® Clear II is suitable for interior applications requiring a Flame Spread Index of 15 (Class A) when tested in accordance with the **ASTM E-84-09**.

FEATURES

- Clear intumescent coating that exhibits excellent flame spread protection for interior wood substrates
- Cures to a semi-gloss to satin finish, matte reducer is available upon request
- Extremely durable – scratch, mar, and stain resistant
- High solids – ultra-low VOC formula aids in meeting LEED™ criteria

AVAILABILITY

SafeCoat® Clear II is packaged in 2 gallon kits and 10 gallon kits.

STORAGE

Store in a cool and dry place for product integrity. Store in tightly sealed containers to protect from moisture and foreign materials.

PRODUCT SAFETY

An MSDS is available from Quantum Technical Services Ltd. Follow all safety and handling procedures when using this product.

	Part A	Part B
Appearance:	Cream color liquid	Clear liquid
Specific Gravity:	1.4175	0.91861
Viscosity:	2,000-4,000 cPs	10-50 cPs
% Solids by Weight:	96.92	45.52
% Solids by Volume:	95.10	41.22
VOC Level:	0.45 g/L	Zero
Shelf Life:	6 months	

Mixed Properties

Specific Gravity:	1.168
Viscosity:	70 cPs
Solids by Weight:	76.32 %
Solids by Volume:	68.16 %
Pot Life:	1 hour at 25°C
Coverage:	200 sq. ft./gal (18.58 m ² /L)
Film Thickness:	Wet: 8.0 mil (Dry: 5.5 mil)
Dry Time:	Touch: 6 hours Tack Free: 24 hours Full Cure: 7-10 days Recoat: 6-48 hours

Pencil Hardness:
(ASTM 3363)

2H

PRODUCT WARRANTY

Recommendations for the use of our products are based on tests carried out at an accredited third party laboratory. Manufacturer and seller are not responsible for results where the product is used under conditions beyond our control. The purchaser of this product must rely on his own judgement in determining suitability for his purpose, and in applying directions as to handling and use.

Quantum makes no warranty, expressed or implied, except that if this product proves on inspection to be defective, Quantum will replace such quantity of the product proven to be defective or refund the purchase price of defective product. Labour costs and other consequential damages are hereby excluded. No representative or purported agent of Quantum has the authority to change this warranty. The information contained herein is subject to change without notice. If in doubt, contact your Quantum Representative for current Technical Data Sheets (TDS).