

TIMBERCOAT INTUMESCENT 30/60 BASECOAT

Fire Protection Upgrade Systems for bare & suitable multi-layer painted wood and wood derivatives

Key Benefits:

Part 1 of system achieve 30 or 60 minute Fire Resistance for compartmentation
Finished system forms a smooth aesthetically pleasing, durable finish resistant to repeated cleaning to internal and external wood.

Achieves EN Class B s1 d0

Exceptional adhesion
Permanent protection
Tintable to undercoat shades
Water-based

How it works: In the event of a fire it expands, forming a heat-resistant char to insulate the surface
Overcoated with Thermoguard Safewood or Anti-Microbial SFR Smoke & Flame Retardant

Pack Sizes 5kg & 20 kg cans for 30 & 60 mins protection on wood and wood derivative boards

Coverage Follow on-can guide to coverage, do not overspread as this compromises the system and results in non-compliance and inability to certify.

Drying Times In normal conditions touch dry one hour
Overpaintable with Safewood SFR or Timbercoat SFR after 4 hours.

Application Min 8°C max 30°C.

Conditions Max relative Humidity 75%.
Surface should be at least 3°C above the dew point, free from condensation

Typical Use First part of a system for use as an intumescent basecoat

VOC Content Low Voc. Limit for this product (cat A/i) is 140 g/l. This product contains just 16 g/lv

COMPOSITION Catalytic powder, expansion agent, char former, char hardeners & fibres Binder: Fire
protection adhesive grade rapid reaction acrylic resin. Water based

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- PREPARATION** All surfaces must be clean and dry. Remove all possible surface contaminants such as grease, smoke residues, silicates etc. Seal water-stain risks with stain blocking sealer suitable to overcoat with water-based acrylic paints
Abrade hard or smooth surfaces with wetted 120 grit wet-or dry abrasive or dust extracting abraded. Rinse off slurry while still damp. When dry, remove any loose or suspect material back to firm edge.
Fill and repair any damage to the substrate using a good quality remedial filler
- APPLICATION** Apply at rate stated on can to protect surfaces & enable project Certification
- BRUSH & ROLLER** Woven fabric roller sleeves and synthetic bristle brushes
- SPRAY** Pressure Pot & Gun conventional unit with small compressor: Ensure all traces of solvent flushed out Thin 5 > 10% with water to spray viscosity. Adjust fluid flow & air flow as normal for acrylic emulsion paint OR **Airless** Graco 1500, 3500 or equivalent. 3/8" line, 30 mesh filter on machine, no filter in gun. 521 or 523, broad areas 621 or 623 tip
Ensure coverage is applied as per can i.e., 25 sqm can covers 25 sqm
- CERTIFICATION** Once the works are complete the relevant certification can be applied for via the Thermoguard website. Please state any specification number to assist
- TEST DATA** FIRE TEST STANDARDS in UKAS and EOTA accredited Fire Test laboratory
BS EN Class B s1 d0 Compliant for Class 0, plus full smoke protection
For 30 or 60 mins contact Technical 01142 768008 (2) technical@thermoguard.co.uk
- CLEANING** Return as much unused material to its original container as possible. Wash brushes rollers and guns with clean waters immediately following use.
- HEALTH AND SAFETY** Please refer to the relevant Safety Data Sheet for full details of this product
Apply all products in accordance with BS 6150:2019- Code of practice for painting of buildings.
Do not store this product in cold temperatures below 5°C or above 30°C.
- FURTHER SUPPORT** If you require any further assistance, please contact Thermoguard Technical Helpdesk on 01142 768008 option 2 or email technical@thermoguard.co.uk