

## SAFEWOOD INSULATING BASECOAT

**Key Benefits:** Achieves EN Class B s1 d0 and complies to old Class O as part of a two-coat system for wood and wood based boards.

Permanent protection.

Tintable to undercoat shades.

Water-based.

Part 1 of a system to achieve BS EN Class B s1 d0 fire rating for full control of flamespread, toxic smoke emission and flaming droplets on wood and boards

Part 1 of system to make wood Anti-Viral and Anti-Bacterial- Both with rapid 1 Log 90+% efficacy  
Finished system forms a smooth aesthetically pleasing, durable finish resistant to repeated cleaning.

**How it works:** In the event of a fire it expands, forming a heat-resistant char to insulate the surface.  
Overcoated with Safewood Anti-Viral SFR

**Pack Sizes:** Available in 20 and 80 sqm cans.

**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 in one hour  
Over-paintable with Safewood Anti-Viral SFR after 4 hours

### Application Conditions

Min 8°C max 30°C.

Max relative Humidity 75%.

should be at least 3°C above the dew point, free from condensation

Surface

**Typical Use:** First part of a system for use as an insulating basecoat under Safewood Anti-Viral SFR

**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, insulating char former, char hardeners and fibres  
Fire protection adhesive grade rapid reaction acrylic resin. Water based

**Preparation:** All surfaces must be clean and dry. Remove all possible surface contaminates such as grease, smoke residues, silicones 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 abrader. 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.

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- Application:** Apply one coat of Thermoguard Safewood Insulating Basecoat  
Overcoat with one coat Safewood Anti-Viral SFR  
Apply at rate stated on can to protect the surface and enable issue of project Certificate
- Brush & Roller** Use woven short pile roller sleeve or synthetic brush.  
Best method to roll broad areas is to lay paint across an area then spread it vertically.
- 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 and 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 sq m can covers 25 sq metres.
- Certification:** Once the works are complete the relevant certification can be applied for via the Thermoguard website. Please state any specification number to assist
- Fire 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
- Corona Virus & Bacteria** Corona-Virus and Bacteria information see Safewood Anti-Viral SFR Dualcoat  
For 30 or 60 minutes contact Technical 01142 768008 (2) [technical@thermoguard.co.uk](mailto: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 in accordance with BS 6150:2019- Building Painting Code of Practice.  
Do not store this product in cold temperatures below 5°C or above 30°C.  
Store in a dry secure place away from children or animals.  
Dispose of in accordance with local authority waste disposal measures.  
Do not pour into drains or watercourses. Reduce- Reuse- Recycle.
- Further Support:** If you require any further assistance, please contact Thermoguard Technical Helpdesk on 01142 768008 option 2 or email [technical@thermoguard.co.uk](mailto:technical@thermoguard.co.uk)