

SAFEWALLS INSULATING BASECOAT

Key Benefits:	Achieves EN Class B s1 d0 as part of a two-coat system on walls painted with any number or combination of coats of any and all types of sound internal wall paints. adhesion protection to undercoat shades Water-based Part 1 of system to achieve BS EN Class B s1 d0 fire rating for full control of flamespread and toxic smoke emission on painted internal walls and ceilings Part 1 of system to make walls Anti-Viral and Anti-Bacterial- Both with 1 Log/90+% efficacy Part 1 of system to achieve 30 or 60 minute Fire Resistance for compartmentation with additional coats Finished system forms a smooth aesthetically pleasing, durable finish resistant to repeated cleaning to internal walls and ceilings	Exceptional Permanent Tintable
How it works:	In the event of a fire it expands, forming a heat-resistant char to insulate the surface Overcoated with Thermoguard Safewalls Anti-Viral SFR Smoke & Flame Retardant	
Pack Sizes	Available in 25 & 50 sqm cans	
<i>NOTE – For 30 & 60 mins protection on plasterboard or cement board use Wallcoat 30/60 Basecoat</i>		
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 Safewalls Anti-Viral 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 on walls and ceilings	
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 Binder: 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, silicates etc. 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	

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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 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 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 information on Anti-Corona-Virus and Anti-Bacteria protection see Safewalls SFR For 30 or 60 minutes fire resistance 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