

TECHNICAL DATA SHEET

TIMONOX ACRYLIC UNDERCOAT & ACRYLIC SATIN

A water-borne satin finish formulated to inhibit the spread of flame on new and previously painted wall and ceiling surfaces including timber based substrates.

AVAILABILITY

Colour range Brilliant White plus 875 tintable colours.

Packaging 2.5 litre.

PROPERTIES

Drying time Under normal drying conditions recoatable after 3-4 hours. Allow for adequate ventilation during the drying period

Finish Satin.

Composition Pigment: Titanium Dioxide, flame retardant additives, extenders and coloured pigments.
 Binder: Chlorinated vinyl copolymer /acrylic polymer.
 Solvent: Water.

Spreading rate Up to 14* m² per litre Acrylic Undercoat & Acrylic Satin on smooth surfaces.

Wet film thickness 71* micrometres Acrylic Undercoat & Acrylic Satin @ 14m²per litre.

Dry film thickness 26* micrometres Acrylic Undercoat & Acrylic Satin @ 14m²per litre.

***These figures correspond to those quoted on the Fire Test Report and show the minimum film build required.**

Volume solids 37%.

Flash point Not applicable.

VOC content EU limit value for this product (cat.A/i): 140 g/l (2007) / 140 g/l (2010)
 This product contains max. 81 g/l VOC.

Flame retardancy When coating new or previously painted combustible and some previously painted non-combustible substrates the use of Timonox Intumescent Basecoat may be required in order to achieve a specific fire rating. See Test Report/Classification table for details.

Limitations For interior use only. Do not apply when air or substrate temperatures are likely to fall below 8°C, or when relative humidity is above 80% during application or the drying period.

Timonox Systems are designed to maintain or improve flame retardancy of a surface. They will NOT impart fire resistance as detailed in BS 476 : 1986 Parts 21-24 or their European equivalent tests.

PREPARATION

New surfaces All surfaces must be sound, clean, suitably dry and free from anything that will interfere with the adhesion of the materials to be applied. Powdery, polished plaster or dense surfaces should be primed with Crown Trade Timonox Bonding Primer. Porous surfaces should be mist coated with Crown Trade Timonox Acrylic Undercoat thinned with up to 20% clean water.

Bare timber, plywood and MDF

All surfaces must be suitably dry, and free from anything that will interfere with the adhesion of the materials to be applied. Rub down with a suitable grade of abrasive paper and round sharp edges 1-3mm. Remove all dust. Treat knots with two thin coats of fresh knotting. Fill any fixing holes, open joints and shallow surface defects with a proprietary filler. Rub down with a suitable grade of abrasive paper. Remove all dust. Apply two coats of Crown Trade Timonox Intumescent Basecoat.

Previously decorated surfaces

All surfaces must be sound, clean, suitably dry and free from anything that will interfere with the adhesion of the materials to be applied, e.g dirt, grease etc. Remove all loose, failing or suspect paint. Feather edges of sound paint. Remove all dust. Organic growth must be removed and the areas treated with Crown Trade Fungicidal Solution. Patch prime bare and filled areas with Crown Trade Timonox Bonding Primer thinned as per the container instructions. Wash remaining sound paint with hot water and liquid detergent solution to remove any contaminants, frequently changing the water. Any glossy or eggshell surfaces should be wet abraded to provide a key. Rinse with clean water to remove all residues. Allow to dry. If after cleaning any areas are still contaminated with substances likely to cause staining and/or bleeding, patch prime with one coat of Crown Trade Timonox Bonding Primer. Bring forward patch primed areas with one coat of Crown Trade Timonox Acrylic Undercoat. Where necessary apply one coat of Crown Trade Timonox Intumescent Basecoat as outlined in Test Report / Classification table.

COATING SYSTEMS

| Surface | Class | System / spreading rate per coat | Colours | Warringtonfire Test Report number |
|---|-------|--|-----------------------------|-----------------------------------|
| Paper faced plasterboard. | B | 1 mist coat Timonox Acrylic Undercoat. 1 coat Timonox Acrylic Undercoat @ 14 m ² per litre. 1 coat Timonox Acrylic Satin @ 14 m ² per litre. | B/White, Pastel, Tint Bases | 186528 |
| Particleboard. | B | 2 coats Tim. Intumescent Basecoat at 5m ² per litre per coat. 1 coat Tim. Acrylic Undercoat @ 14 m ² per litre. 1 coat Tim. Acrylic Satin @ 14 m ² per litre. | B/White, Pastel, Tint Bases | 186528 |
| Previously decorated paper faced plasterboard. 1 coat alkali resisting primer @ 13 m ² per litre. 10 coats conventional eggshell @ 14 m ² per litre per coat. | B | 1 coat Tim. Intumescent Basecoat at 5m ² per litre. 1 coat Tim. Acrylic Undercoat @ 14 m ² per litre. 1 coat Tim. Acrylic Satin @ 14 m ² per litre. | B/White, Pastel, Tint Bases | 186528 |

APPLICATION

Stir well before use. Apply by brush roller or airless spray (thinning may be required). For spray application refer to the Crown Trade Timonox Airless Spray Application Guidelines (Technical Data Sheet)

Note: When thinning an additional coat may be required to achieve the specified film build and subsequent fire protection.

CLEANING Return surplus material to container. Wash with clean water immediately after use.

MAINTENANCE INFORMATION FOR CDM FILE

Between maintenance redecoration surfaces may be washed with a warm water and liquid detergent solution to remove surface dirt.

HEALTH AND SAFETY

Please refer to the Safety, Health and Environmental Information on the container. Take special precautions during the surface preparation of pre 1960's painted surfaces as they may contain harmful lead. For further information contact our Customer Relations Team. When preparing all surfaces avoid the inhalation of dust and/or metal particles. Wear a suitable facemask. Material Safety Data Sheets for this and all other products are freely available from the place of purchase or the address below. Store in secure dry conditions inaccessible to children or animals. Containers should be kept closed during storage. Do not empty into drains, watercourses or access routes to septic tanks.

GENERAL INFORMATION

Apply all products in accordance with BS 6150: 2006 Code of practice for painting of buildings and BS 8000: Part 12: 1989 Code of practice for decorative wallcoverings and painting. Under normal and frost free conditions this product will remain usable for up to two years if stored correctly and unopened.

Every care is taken to ensure that all information provided on this Technical Data Sheet is accurate. Final results cannot be guaranteed by the manufacturer as it has no control over the conditions under which its products are applied.

For help or more information contact our Customer Relations Team on 0845 389 9583. Before using this product please ensure you have the latest information. The information is correct at date of issue April 2010.



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