

## TIMONOX VINYL SILK

A water-based silk 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 5 litre.

### PROPERTIES

Drying Time Under normal drying conditions, surface dry after 1 hour and recoatable after 4 hours. Allow for adequate ventilation during the drying period.

Finish Silk.

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

Spreading Rate Up to 14\* m<sup>2</sup> per litre on a smooth surface.

Wet Film Thickness 71\* micrometres @ 14m<sup>2</sup> per litre.

Dry Film Thickness 26\* micrometres @ 14m<sup>2</sup> per litre.

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

Volume Solids Approximately 37%.

Flash Point Not applicable.

VOC Content EU limit value for this product (cat.A/i): 140 g/l (2010) This product contains max. 1 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 Coating Systems 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 Vinyl Silk thinned with 40% clean water.

Unstable Surfaces On extremely chalky, powdery or unstable surfaces Crown Trade Stabilising Solution should be used.

**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 Upgrade 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 Vinyl Silk. Where necessary apply Crown Trade Timonox Upgrade Basecoat as outlined in the Coating Systems table below.

**COATING SYSTEMS**

Surface	Class	System / spreading rate per coat	Colours	Warringtonfire Test Report number
Paper faced plasterboard.	B	1 mist coat Timonox Vinyl Silk. 2 coats Timonox Vinyl Silk @ 14 m <sup>2</sup> per litre per coat.	B/White, Pastel, Tint Bases	186526
Particleboard.	B	1 coat Timonox Upgrade Basecoat @ 2.5m <sup>2</sup> per litre per coat. 2 coats Timonox Vinyl Silk @ 14 m <sup>2</sup> per litre per coat.	B/White, Pastel, Tint Bases	186526
Previously decorated paper faced plasterboard. 1 coat alkali resisting sealer @ 13 m <sup>2</sup> per litre. 10 coats conventional eggshell @ 14 m <sup>2</sup> per litre per coat	B	1 coat Timonox Upgrade Basecoat @ 5m <sup>2</sup> per litre per coat. 2 coats Timonox Vinyl Silk @ 14 m <sup>2</sup> per litre per coat.	B/White, Pastel, Tint Bases	186526

**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: Timonox Vinyl Silk forms part of fire tested systems. The application rates quoted, and consequent dry film thickness, must be achieved to ensure that the required level of fire protection is provided.**

**CLEANING**

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

**MAINTENANCE INFORMATION FOR CDM FILE**

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

## HEALTH AND SAFETY

Apply all products in accordance with BS 6150: Code of practice for painting of buildings and BS 8000: Part 12: 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.

## GENERAL INFORMATION

Every care is taken to ensure that all information provided on this Technical Data Sheet is accurate. Crown Paints is unable to guarantee results as it has no control over the conditions under which its products are applied.

Before using this product please ensure you have the latest information. For help or more information contact the Crown Trade Customer Relations Team on:

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This information is correct at date of issue September 2015.



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