

# CROWN TRADE TIMONOX ACRYLIC EGGSHELL

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

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| <b>AVAILABILITY</b>       |  |
| <b>Colour range</b>       | Brilliant White & 715 other tintable colours   |
| <b>Packaging</b>          | 5 litre pot.   |
| <b>PROPERTIES</b>         |  |
| <b>Drying Time</b>        | Under normal drying conditions surface dry after 1 hour and recoatable after 4 hours. Allow for adequate ventilation during the drying period.   |
| <b>Finish</b>             | Eggshell.  |
| <b>Composition</b>        | Pigment: Titanium Dioxide, flame retardant additives, extenders and coloured pigments. Binder: Chlorinated vinyl copolymer/acrylic polymer. Solvent: Water   |
| <b>Spreading Rate</b>     | Up to 14* m <sup>2</sup> per litre on a smooth surface.  |
| <b>Wet Film Thickness</b> | 71* micrometres @ 14m <sup>2</sup> per litre.  |
| <b>Dry Film Thickness</b> | 25* micrometres @ 14m <sup>2</sup> per litre.<br><br>*These figures correspond to those quoted on the Fire Test Report and show the minimum film build required.   |
| <b>Volume Solids</b>      | Approximately 35%  |
| <b>Flash Point</b>        | Not applicable   |
| <b>VOC Content</b>        | EU limit value for this product (cat.A/i): / 140 g/l (2010) This product contains max. 81 g/l VOC.   |
| <b>Flame Retardancy</b>   | When coating new or previously painted combustible and some previously painted non-combustible substrates, the use of Timonox Upgrade Basecoat may be required in order to achieve a specific fire rating. See Coating Systems table for details.  |
| <b>Limitations</b>        | 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.<br><br>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

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 Eggshell thinned with 40% clean water.

## New Surfaces

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.

## Unstable Surfaces

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

### Previously Decorated Soiled 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 Eggshell. Where necessary apply one coat of Crown Trade Timonox Upgrade Basecoat as outlined in Coating Systems table (see coating systems data sheet)

## APPLICATION & CLEANING

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

**MAINTENANCE  
INFORMATION FOR  
CDM FILE**

**HEALTH AND  
SAFETY**

**GENERAL  
INFORMATION**

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

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 the Crown Trade 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 Crown Paints products are freely available from the place of purchase or the address below. Store in secure dry conditions between 5°C and 40°C and inaccessible to children or animals. Containers should be kept closed during storage. Do not empty into drains, watercourses or access routes to septic tanks.

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.

Every care is taken to ensure that all information provided on this Technical Data Sheet is accurate. Neither International Passive Fire nor Crown Paints are able to guarantee results as they have no control over the conditions under which their products are applied.

Before using this product please ensure you have the latest information. For help or more information, contact International Passive Fire on:

- 01752 690997
- [sales@fireproofpaint.co.uk](mailto:sales@fireproofpaint.co.uk)