

TECHNICAL DATA SHEET



TIMONOX ANTI-GRAFFITI FLAME RETARDANT GLAZE

A clear 2 pack, 100% solids, Flame Retardant Glaze. Forms part of fire tested systems for use over Timonox Vinyl Matt ONLY, providing an effective non-sacrificial anti-graffiti finish.

AVAILABILITY

Colour Range Clear finish. Note: The glaze may produce a slight change to the chosen Vinyl Matt colour.

Packaging 2 pack (5 litres when components are mixed) 1x4 litre **Base**, 1x1 litre **Activator**.

PROPERTIES

Drying Time Under normal drying conditions surface dry in 2 hours. Allow for adequate ventilation during the drying period.

Pot Life 4 hours @ 20°C.

Finish Satin finish.

Composition Pigment: Flame Retardant additives.
Binder: Epoxy Silane.
Solvent: None.

Spreading Rate Up to 15* m² per litre on smooth surfaces.

Wet Film Thickness 67* micrometres @ 15m² per litre.

Dry Film Thickness 67* micrometres @ 15m² per litre.

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

Volume Solids Approximately 100%.

Flash Point Not applicable.

VOC Content EU limit value for this product (cat.A/j): 500 g/l (2010) This product contains max. 0 g/l VOC.

Flame Retardancy When coating some previously painted non-combustible surfaces, the use of Timonox Upgrade 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.

Avoid contact with solvent borne paints / finishes, (e.g. adjacent trim etc).

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 thinned as per the container instructions. Porous surfaces and paper faced plasterboard should be 'mist' coated with Crown Trade Timonox Vinyl Matt thinned with 40% clean water.

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, eg 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 Matt.

COATING SYSTEMS

Surface	Class	System / spreading rate per coat	Colours	Warringtonfire Test Report number
Paper faced plasterboard.	0	1 mist coat Timonox Vinyl Matt. 2 coats Timonox Vinyl Matt @ 14 m ² per litre per coat. 1 coat Timonox Anti Graffiti Flame Retardant Glaze @ 15m ² per litre.	B/White, Pastel, Tint & Near Neutral Bases Clear	185843/185844
Previously decorated paper faced plasterboard. 1 coat alkali resisting sealer @ 13 m ² per litre. 10 coats conventional eggshell @ 14 m ² per litre per coat.	0	2 coat Timonox Vinyl Matt @ 14 m ² per litre per coat. 1 coat Timonox Anti Graffiti Flame Retardant Glaze @ 15m ² per litre.	B/White, Pastel Tint & Near Neutral Bases Clear	185841/185842
Warrington Blueboard Class 4 Upgrade	0	1 coat Timonox Upgrade Basecoat @ 2.5m ² per litre per coat. 2 coat Timonox Vinyl Matt @ 14 m ² per litre per coat. 1 coat Timonox Anti Graffiti Flame Retardant Glaze @ 15m ² per litre.	B/White, Pastel Tint & Near Neutral Bases Clear	185849/185850 And Assessment Report 336111

MIXING INSTRUCTIONS

Base and Activator are supplied in the correct proportions (4 parts Base to 1 part Activator, by volume)

Add all of the Activator slowly, whilst mixing to all of the Base and mix thoroughly until the product is smooth and even. Allow to stand for at least 5 minutes before using.

It is essential that any partial mixes (i.e. small quantities/volumes) are accurately measured (by volume) in accordance with the manufacturer's instructions. Badly activated or incorrectly mixed material will affect performance and may cause failure or discolouration.

APPLICATION

Stir well before use. Ensure all application tools are clean and dry. Apply evenly over all areas, one full coat of Timonox Anti-Graffiti Flame Retardant Glaze by brush or short pile roller. All 'cutting in' should be completed during roller applications whilst the Glaze is still 'wet'. The spreading rate must not exceed 15m² per litre (minimum wet film thickness 67 micrometres). Do not thin.

CLEANING

Return any surplus material to a suitable empty container for disposal. Clean equipment with clean Epoxy Thinner 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 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.

GENERAL INFORMATION

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. 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:

Tel: 0330 0240297

Fax: 0330 0240278

e-mail: info@crowntrade.co.uk

website: www.crowntrade.co.uk

This information is correct at date of issue June 2017



P O Box 37, Crown House, Hollins Road, Darwen, Lancashire, BB3 0BG

Email: info@crowntrade.co.uk

Website: www.crowntrade.co.uk