

## TIMONOX UPGRADE BASECOAT

A water based basecoat specially formulated to upgrade internal broad wall areas and timber surfaces in an easy-to-use system. Designed to produce a thick insulating char layer in the event of a fire protecting the underlying surface. Crown Trade Timonox Upgrade Basecoat must be overcoated with a suitable Timonox Finish.

AVAILABILITY	
Colour Range	White
Packaging	5L
PROPERTIES	
Suitable Surfaces	Internal Walls, Ceilings and timber substrates
Drying Time @20°C/65%RH	Under normal drying conditions touch dry in 1 hour and recoat after 4-6 hours. Allow for adequate ventilation during the drying period
Finish	Matt
Composition	Pigment: Titanium dioxide, intumescent additives and extenders
	Binder: Chlorinated vinyl copolymer
	Solvent: Water
Spreading Rate	Up to 2.5m <sup>2</sup> per litre on smooth surfaces
Wet Film Thickness	MINIMUM 400 micrometres at 2,5m <sup>2</sup> per litre*
Dry Film Thickness	MINIMUM 200 micrometres at 2,5m <sup>2</sup> per litre* <b>*These figures correspond to those quoted on the Fire Test Report and show the minimum film build required.</b>
Volume Solids	50% White.
Flash Point	Not applicable
VOC Content	EU limit value for this product (cat.A/i): 140 g/l (2010) This product contains max. 2 g/l VOC.
Heat Insulation	At the elevated temperatures of a fire the insulating (intumescent) reaction produces a carbonaceous foam. This provides excellent heat insulation reducing heat transfer to the underlying surface.
Limitations	Do not dilute. For interior use only. Do not apply when air or substrate temperatures are likely to fall below 8°C or when the relative humidity is above 80% during application or the drying period. Do not use on surfaces subject to heavy condensation, even when protected with a Crown Trade Timonox Finish. Not for use on metal <b>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.</b>
Flame Retardancy	When coating new or previously painted combustible and some previously painted non-combustible substrates the use of Crown Trade Timonox Upgrade Basecoat forms the first part of relevant fire tested systems
PREPARATION	
New Surfaces - Timber, Plywood & MDF	All surfaces must be sound, clean, 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. Remove all dust. Timber with oils/extractives must be swabbed with clean methylated spirits, frequently changing the face of the cloths. Treat knots with two thin coats of fresh knotting. Fill any fixing holes, open joints and shallow surface defects with <b>Sandtex Ready Mixed Filler</b> or 2 pack wood filler. Rub down with a suitable grade abrasive paper. Remove all dust. Apply one coat of <b>Crown Trade Timonox Upgrade Basecoat.</b>



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# TECHNICAL DATA SHEET



<p>Previously Decorated – Timber, Plywood &amp; MDF</p>	<p>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 treated with <b>Sandtex Trade Fungicidal Solution</b> and when dry removed. Treat knots with two thin coats of fresh knotting. Fill any fixing holes, cracks and shallow surface defects with <b>Sandtex Ready Mixed Filler</b> or 2 pack wood filler. Wash remaining sound paint with hot water and liquid detergent solution to remove any contaminants, frequently changing the water. Wet abrade to provide a key. Rinse with clean water to remove all residues. Allow to dry. Spot prime bare areas of wood and bring forward with one coat of <b>Crown Trade Timonox Upgrade basecoat</b>.</p>
<p>Previously Decorated Broad Wall Surfaces</p>	<p>Where Crown Trade Timonox Upgrade Basecoat is deemed appropriate. 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. Organic growth must be treated with <b>Sandtex Trade Fungicidal Solution</b> and removed. 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 <b>Crown Trade Bonding Primer</b>. Bring forward patch primed areas with one coat of <b>Crown Trade Timonox Upgrade Basecoat</b>.</p>
<p><b>COATING SYSTEM</b></p>	<p>One coat. For fire test reports of systems tested refer to the relevant Timonox Finish Technical Data Sheet <b>SPECIAL NOTE: Cannot be used under Crown Trade Timonox Vinyl Matt</b></p>
<p><b>APPLICATION</b></p>	<p>Stir well before and during use. Apply using good quality tools –synthetic brush or medium pile roller laying off in one direction. For airless spray dilution may be required. For further information follow the spray manufacturer’s guidelines. This is an extremely thick coating equivalent to 5/6 coats compared to matt vinyl. if preferred, Upgrade Basecoat can be applied in two coats providing the overall minimum one coat DFT is maintained and not compromised. <b>NOTE: Crown Trade Timonox Upgrade basecoat 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.</b></p>
<p><b>CLEANING</b></p>	<p>Return surplus material to container. Wash tools &amp; equipment with clean water or a warm soapy solution &amp; rinse immediately after use.</p>
<p><b>STORAGE</b></p>	<p>Store upright and secure. Store in secure dry conditions inaccessible to children or animals. Containers should be kept closed during storage. Do not store below 5°C or above 40°C.</p>
<p><b>HEALTH AND SAFETY</b></p>	<p>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. Do not empty into drains, watercourses or access routes to septic tanks.</p>



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<b>GENERAL INFORMATION</b>	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.
	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: <a href="mailto:info@crowntrade.co.uk">info@crowntrade.co.uk</a> website: <a href="http://www.crowntrade.co.uk">www.crowntrade.co.uk</a> This information is correct at date of issue June 2022



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