



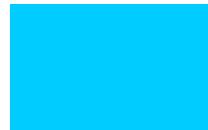
729 H₂O Water Based Enamel

USE**THINNER/CLEAN**

Water

APPLICATION**RE-COAT**

2 Hrs

HAZARD

729 H₂O is a water based pigmented enamel based on groundbreaking new urethane hybrid technology and is formulated as a replacement for traditional turps thinned "oil based" enamels. 729 H₂O's technology is completely different from that used in conventional water based enamel replacements and achieves a degree of flow and levelling far ahead of its competitors thus eliminating much of the ropy brush marked appearance that is the hallmark of current water based enamels.

USES: 729 H₂O produces a film with at least equivalent hardness and toughness of its turps based equivalents and shows none of that plastic softening as the paint film becomes warm. Combine these features of 729 H₂O together with its adhesion to a wide range of substrates and the result is a truly versatile and very impressive coating.

729 H₂O has been used successfully on most interior timber surfaces such as architraves, skirting, doors, furniture, floors and can also be used for industrial maintenance painting in such areas as factories, offices, guard rails, hand rails, machinery, guards, doors and line marking. Other suitable substrates/areas are fibre-cement, MDF and concrete. 729 H₂O also works well in conjunction with 643 Ceramaglass for difficult to adhere to substrates like tiles and ceramic surfaces.

SURFACE PREPARATION - NEW TIMBER: Surface to be coated should be free from all waxes, oils or grease. Sand timber to a smooth surface prior to application with 180-220 grit sand paper, in the direction of the grain and ensure that all dust is removed prior to painting. Fill nail holes and imperfections with a suitable filler. Allow filler to dry and sand smooth with a fine paper. Remove dust.

729 H₂O is water based we recommend that you do not use steel wool for sanding or preparation work.

SURFACE PREPARATION - PREVIOUSLY PAINTED TIMBER: If the existing coating is flaking, cracking, checking, peeling or lifting then we recommend removal back to bare timber. It is sometimes advisable to test paint an area first before proceeding with the entire job. If any problems are noticed during the test paint please consult Shipway Spescoat before proceeding. Fisheye's, cissing, crawling and other surface defects of the 729 H₂O film are certain indicators of surface contamination with a wax or polish type material.

If the previous coats are sound then the surface to be coated should be free from all waxes, oils, grease and dirt. We recommend washing with 684 Super Wash or quality sugar soap. Sand thoroughly in the direction of the grain with a 120-200 grit sandpaper to provide a key for subsequent coats. Remove all dust after sanding.

SURFACE PREPARATION - METAL: 729 H₂O contains a rust inhibitor to allow it to be used over ferrous metals but best results will be obtained using a primer such as 660 Epoxy Undercoat. Refer to the 660 Epoxy Undercoat's data sheet for details of surface preparation. If applying direct to metal ensure the surface is clean and free from oil, grease and contaminants. A water based anti-corrosive metal primer for this system is currently under development.

SURFACE PREPARATION - EXISTING PAINT: If the previous coats are sound then the surface to be coated should be free from all waxes, oils, grease and dirt. We recommend washing with 684 Super Wash or quality sugar soap. Sand the existing paint uniformly to remove the gloss with 100 to 200 grit sandpaper to provide a key for subsequent coats. Remove all dust after sanding. In some cases the use of 643 Ceramaglass can eliminate the need for sanding and under some circumstances sanding would not be required. We would recommend test painting a small area to verify this first.

SURFACE PREPARATION - OTHER: 729 H₂O shows excellent adhesion to a wide range of substrates and may from time to time be recommended for a range of unusual applications. Please discuss these applications with us and we would always recommend a small test application before proceeding with the job. As a general guide to preparation ensure the existing surface is clean, free from dust, dirt, oil and grease. You should also ensure that the surface is sound and not peeling, flaking or lifting. Some coatings (particularly water based) and some common household cleaners can interfere with a coat of 729 H₂O and cause film defects. If these problems are seen during test painting then advice should be sort before proceeding.

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Customers need to appreciate that as Topline Paint cannot control the conditions under which our products are used, we therefore are unable to guarantee suitability or accuracy in every situation. If any doubt exists, do check with our technical people. Before large-scale use always test on a small sample and ascertain suitability. No warranties express or implied are made. The risks and liability arising from handling, storage, use and compliance with legal restrictions, rests with the buyer.





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BLEED: Some timbers and older paints may bleed into a fresh coat of 729 H₂O. This is usually noticed by uneven colour (a brown-yellow tinge in a white finish may be evidence of tannin bleed from timber, a pinky tinge a fugitive pigment bleed from an old style red tinter). Please consult out technical staff should this be an issue to determine an appropriate solution.

APPLICATION: Stir thoroughly with a flat paddle or “potato masher” type stirrer before and during use. Do not shake can as this aerates the product. A minimum of two to three coats of 729 H₂O should be applied. On very porous timbers or areas that will experience high wear (e.g. table top) a fourth coat may be recommended. Apply by brush, quality short nap roller. 729 H₂O may also be spray applied but this application method is recommended for experienced professional spray painters with the correct equipment.

On unpainted timber thin the first coat by 5% water to ease spreading and allow penetration into more porous timbers. If the timber has been previously stained or painted then apply the 1st coat straight from the can. Allow to dry and lightly sand to remove any raised grain, timber fibres or nibs. Sand lightly and along the grain. Remove dust.

Apply 2 more coats straight from the can. Use slow full strokes to apply the material. If bubbles develop lay off gently with the tip of a even, soft, long bristled brush. Apply the material in even coats. When applying to large areas ensure that a “wet edge” is maintained. Once the finish has “set” or “tacked off” do not attempt to go back to this area or the finish may be adversely affected.

729 H₂O has excellent adhesion to a wide variety of substrates on its own but it also works well in conjunction with 643 Ceramaglass for difficult to adhere to substrates like tiles and ceramic surfaces.

DRYING: Touch dry in 30 minutes. Recoat after 2 hours. Drying times refer to normal conditions (25°C, 50% humidity). Under cooler, humid or still conditions, longer drying times may be necessary. **DO NOT USE IN TEMPERATURES BELOW 10°C OR ABOVE 30°C.** The temperature should not fall below 10°C during the drying process.

THINNING: 729 H₂O may be thinned sparingly with water if required however this is not normally recommended except for the first coat on uncoated timber. Spescoat H₂O will brush, roll or spray without thinning. Over-thinning of the product will result in runs and compromise it's performance.

COVERAGE: 12-14 m² per litre on sealed timber, 10-12 m² per litre on unsealed timber.

COLOUR: White and a wide colour range. Reduced strength and coloured tint bases are also available.

GLOSS LEVEL: Gloss, Satin

CAUTION: Do not apply very heavy coats, particularly to horizontal surfaces. This may result in drying problems and subsequent wrinkling when over coated.

STORAGE: 729 H₂O should be stored in moderate temperature.

MAINTENANCE: 729 H₂O is easily cleaned using normal household non-abrasive cleaners. Do not use silicone based furniture polishes, as they cause painting problems later when repainting.



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PRECAUTIONS:

The following information is a general guide only. Industrial users (ie where the product is being used in the workplace) are legally required to have available a Safety Data Sheet on this product. If you are unsure if you have an SDS on this product please contact Topline Paint and one will be provided.

Safety Directions: **KEEP OUT OF REACH OF CHILDREN – DO NOT SWALLOW.** Breathing the vapour is harmful and may cause lung irritation. Avoid contact with skin and eyes. Wear suitable, protective clothing, eye protection and impervious gloves when mixing and using. Handling and usage of this product must be carried out under well ventilation conditions that prevent inhalation of vapours, dust or mist. Use the appropriate breathing equipment (refer to Aust Stand. 1716) when ventilation is restricted. Keep containers closed when not in use. Eliminate any source of ignition (open fires, pilot lights, furnaces, spark producing switches etc.) as this product is flammable. **DO NOT SMOKE.** Take precautionary measures against static discharges. Used clean up rags may spontaneously ignite. To avoid ignition immerse in water or store in a sealable glass container.

First Aid Instructions: If affected by inhalation, remove to fresh air. If breathing difficulty persists or occurs later, consult a doctor. If swallowed, **DO NOT INDUCE VOMITING** drink plenty of water and seek medical advice. Contact a Doctor of Poisons Information Centre (Phone 131126). If skin contact occurs, remove contaminated clothing and wash skin thoroughly with soap and water. If irritation occurs seek prompt medical advice. Immerse contaminated clothing in water for 24 hours and do not use until laundered. In case of eye contact, hold eyes open and flood with running water for at least 15 minutes seek medical advice.

Leaks, Spills and Disposal: To prevent ignition of fumes product shut off all ignition sources. Contain or shut off leak if safe to do so. For large leaks or spills of volatile, flammable product, use respiratory protection, protective apparel and footwear. Spills should be absorbed either with rags (small spill) or dry sand/earth (large spill). In the case of flammable product spillage, use spark free implements to place rags or absorbed material into a solvent resistant container. Cover with water for 24 hours before disposal. DO NOT pour left over product down the drain – retain it in marked sealed container for future use or disposal through chemical waste collection programs. Dried empty cans can be recycled and should be disposed of via council steel recycling facilities.

Fire: Use foam and breathing apparatus. Avoid breathing products of combustion.

Hazard: The coloured square at the top of page 1 is provided for a quick reference as to the hazard level of a product. Blue refers to coatings with low hazard (eg water based wall paints). Yellow refers to medium hazard products such as QD enamels, which contain solvents, are flammable and need respirators for vapour protection. Red refers to products with special hazards such as isocyanate cured two pack finishes