

PROFESSIONAL AQUARISTA

PRODUCT CODE: PHB 800 & THB Tint Base

TECHNICAL DATA SHEET

Product Description	A durable pure acrylic emulsion paint with good flexibility and waterproofing properties.													
Intended uses	<ul style="list-style-type: none"> Used as a waterproofing coating for plastered or bagged walls. For use on thoroughly cleaned and suitably primed cement, fibre cement and galvanised iron 													
Features & Benefits	<ul style="list-style-type: none"> Has low water absorption to prevent the ingress of moisture and as a result has improved waterproofing properties at the required film thickness Its good flexibility allows it to expand and contract over cracked surfaces. Good exterior durability with low dirt pick-up. 													
Product Information	Appearance	Sheen												
	Colour	White (PHB 800)												
	Tint Base	Pastel Tint Base (THB 1000)												
	Volume Solids	40 %												
	Recommended DFT	80 - 100 µm												
	Recommended WFT	200 -250 µm												
	Viscosity at 23 °C	120 - 125 KU												
	Theoretical spreading rate	4.4 m ² /L at 90 µm DFT. This serves as a guide only.												
	Practical spreading rate	The practical spreading rate will vary depending on the profile of the substrate, as well as the application technique and tools used.												
	VOC	< 16 g/L for White < 5 g/L for Pastel base (tinted)												
Application Details	Mixing	Ready for use. Stir thoroughly with a flat paddle until homogeneous before use.												
	Thinning	Not Recommended												
	Method	Brush, roller or airless spray.												
	Cleaning	Water												
	Drying time	Touch dry: 1 h @ 23 °C Over coating: 2 h @ 23 °C												
	Application Environment	<table border="1"> <thead> <tr> <th>Surface Temperature</th> <th>Ambient Temperature</th> <th>Relative Humidity</th> </tr> </thead> <tbody> <tr> <td>Min: 10 °C</td> <td>Min: 10 °C</td> <td>Min: 10%</td> </tr> <tr> <td colspan="3">or 3 °C min. above dew point</td> </tr> <tr> <td>Max: 40 °C</td> <td>Max: 40 °C</td> <td>Max: 85%</td> </tr> </tbody> </table>	Surface Temperature	Ambient Temperature	Relative Humidity	Min: 10 °C	Min: 10 °C	Min: 10%	or 3 °C min. above dew point			Max: 40 °C	Max: 40 °C	Max: 85%
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Storage and Packaging	Store away from direct sun, heat and severe cold. Packaging: 20 L.													
Tint Bases	<ul style="list-style-type: none"> The tint base containers are underfilled to levels which are specific for each tint base to allow for a calculated volume of colourants to be added. The volume indicated on the container is only achieved after the addition of all prescribed colourants as per the formulation. The tint bases and the colourants are unfinished or intermediate products which are not recommended for use on their own. A finished product is only produced once the prescribed quantities of colourants have been thoroughly mixed with the tint base. When mixed to a finished product its technical features, product information, application and surface preparation details comply with that of AQUARISTA (PHB 800) Only colourants from the PLASCON INSPIRED COLOUR system are permitted for use when tinting. 													

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Tinting Procedure	<ul style="list-style-type: none"> Select the required colour and reference no. from the INSPIRED COLOUR system, other suitable systems or colour cards and locate the applicable formulation from the tables. Certain colour choices may require more than two coats to achieve full obliteration (see computer formulations for details in remarks column prior to tinting) Select the required tint base and volume for tinting and set the tinting machine to deliver the correct amount of colourants as per formulation. Inject all required colourants, close container and shake on mechanical shaker for 5 minutes. Note: UNDER NO CIRCUMSTANCES SHOULD COLOURS BE TINTED FROM (PHB 800) White - USE ONLY THE PRESCRIBED TINT BASES
Surface Preparation	<p>Ensure that surfaces are dry, free from dirt, grease and oil and loose and flaking paint. Repair surface defects with the appropriate POLYCELL POLYFILLA product.</p> <ol style="list-style-type: none"> NEW OR WEATHERED GALVANISED IRON: Clean thoroughly with GALVANISED IRON CLEANER (GIC 1) and prime with PLASCON GALVANISED IRON PRIMER (GIP 1). POROUS CEMENT PLASTER AND OTHER MASONRY SURFACES: Apply one coat of PROFESSIONAL GYPSUM AND PLASTER PRIMER (PP 700). FIBRE-CEMENT SHEETING: Apply BONDING LIQUID (CVI 14). STEEL: Remove any rust and prime with ZINC PHOSPHATE PRIMER (UC 170).
Application	<ul style="list-style-type: none"> WHEN USED AS A WALL COATING: Apply two coats PROFESSIONAL AQUARISTA at an average spreading rate of 4 m²/L. Allow at least two hours drying between coats.
Caution	<ul style="list-style-type: none"> NOT suitable to seal concrete dams or ponds or surfaces permanently immersed in water. Not to be used on roofs as a topcoat. Tinting can negatively influence product properties. Avoid painting during inclement weather or if temperature is below 10 °C
Safety Precautions	<ul style="list-style-type: none"> Keep out of reach of children. Ensure good ventilation during application and drying. In case of skin contact, wash with soap and water or a recognised skin cleaner. Avoid contact with eyes – In case of contact, rinse eyes immediately with plenty of water and seek medical advice if symptoms persist. Harmful if swallowed. Do not induce vomiting. Seek medical attention. Refer to Safety Data Sheet for complete information.

DISCLAIMER:

The recommendations contained herein are given in good faith and are meant to guide the specifier or the user. They are based on results gained from our tests and experiences and are believed to be reliable. No guarantee is implied by the recommendations contained herein since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control.

NB: Technology may change with time necessitating changes to this Technical Data Sheet (TDS). It is the responsibility of the user to ensure that the latest TDS is being used.

NB: TO ORDER: Quote product name, product code number, packaging and colour.

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