



NUROOF ACRYLIC ROOF PAINT

TECHNICAL DATA SHEET NO.: L-9-P  
DATE: OCTOBER 2005

PRODUCT CODE:		TRP-range		THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS	
Product Description		A UV-resistant waterbased acrylic roof coating with excellent durability and adhesion.			
Intended Uses		<ul style="list-style-type: none"><li>• <b>NUROOF ACRYLIC ROOF PAINT</b> is an extremely durable, weather resistant coating for cementitious and galvanised roofs.</li></ul>			
Features		<ul style="list-style-type: none"><li>• UV-resistant for long lasting protection.</li><li>• Overcoatable within 1 hour enabling two coats to be applied during the same day.</li><li>• Easy application by brush, roller or airless spray.</li><li>• Easy to clean equipment with water after use.</li><li>• Can be used on cladding, galvanised garage doors, galvanised gutters and down pipes.</li></ul>			
Product Information		Appearance	Sheen		
		Colours	As per colour card		
		Solids	Approx. 50 % by mass; 32 % by volume		
		S G at 23 °C	1,20 kg / ℓ (typical)		
		Recommended DFT	Min.: 50 μm		
		Theoretical spreading rate	5.8 m²/ ℓ at 55μm DFT		
		Typical spreading rate	Please apply appropriate correction factors		
		Viscosity at 23 °C	Approx. 105 KU		
		Flash point	>65°C		
Application Details		Mixing	Stir thoroughly with a flat paddle until homogeneous and occasionally during use.		
		Method	Brush, roller or airless spray.		
		Thinning	Do not dilute.		
		Cleaning	Water		
		Substrate	Well prepared galvanised steel, Granular cement tiles, Asbestos/fibre-cement sheets, through-colour roof tiles.		
		Application Environment	Surface Temperature	Ambient Temperature	Relative Humidity
			Min.: 10 °C	Min.: 5 °C	-
			Or 2 °C min. above dew point		
			Max.: 50 °C	Max.: 40 °C	Max.: 85 %
		Drying time	Touch dry	30 min at 23 °C	
			Recoating	1 h at 23 °C	
			Dry to handle	1 h at 23 °C	
Storage and Packaging		Store away from direct sun, heat and severe cold. Packaging: 5 ℓ and 20 ℓ.			
Surface Preparation		<ul style="list-style-type: none"><li>• Surfaces must be clean, firm (sound) and thoroughly dry before painting.</li><li>• Remove any fungal growth or algae with household bleach (3,5 % solution of sodium hypochlorite) thinned 2 parts bleach to 1 part water by volume. Leave on surface for approximately 1 h, and then scrub with hard bristle brush and to remove all dead growth, then rinse thoroughly with fresh water. Allow to dry.</li><li>• Repair holes, cracks, leaks and defective flashing with <b>PLASCON ROOFSEAL</b> system.</li></ul> <div><div>1.</div><div>1.1</div><div>1.2</div><div>1.3</div><div>2.</div><div>2.1</div><div>2.2</div><div>2.3</div></div> <div><div><b>GALVANISED IRON (corrugated, IBR, etc.)</b></div><div><b>New surfaces:</b> Remove fabricators pre-treatment oil, grease and any other contaminants with <b>GALVANISED IRON CLEANER (GIC 1)</b>. Hose and scrub down with a hard bristle brush and fresh water and repeat cleaning process until a water break-free surface is obtained. Prime with <b>GALVANISED IRON PRIMER (GIP 1)</b>.</div><div><b>Unpainted and weathered:</b> Remove oil, grease, white rust or any other contaminants with <b>GALVANISED IRON CLEANER (GIC 1)</b> to achieve a water break-free surface. Rinse thoroughly with fresh water. Then Prime with <b>GALVANISED IRON PRIMER (GIP 1)</b>. Areas showing <b>red rust</b> must be abraded back to bright metal and the whole surface then primed with <b>GALVANISED IRON PRIMER (GIP 1)</b>.</div><div><b>Previously painted and weathered:</b> Clean with high-pressure water jet to remove all loose paint, chalk and dirt. Alternatively, clean with wire brushing, scraping, sanding, etc. and then scrub down with hard bristle brush and water. Treat any bare areas as in 1.2 above.</div><div><b>CEMENT TILES AND ASBESTOS/FIBRE-CEMENT SHEETING:</b></div><div>Ensure that <b>new bare</b> substrates have cured for a minimum of two weeks prior to the application of <b>NUROOF ACRYLIC ROOF PAINT</b>. Carefully brush down any loose material before painting.</div><div><b>Unpainted and weathered roofing:</b> Remove dust, dirt, loose granules, friable and powdery material with high-pressure water jet or alternatively scrub down with a hard bristle wire brush and water. Allow surface to dry.</div><div><b>Previously painted surfaces in good condition:</b> Remove dust, dirt, loose granules, friable and powdery material with high-pressure water jet or alternatively scrub down with a hard bristle wire brush and water. Allow surface to dry.</div><div><b>Previously painted surfaces in poor condition:</b></div><div>Strip completely – Consult the Plascon advisory service.</div><div><b>N.B. :</b> Restore powdery and friable surfaces such as weathered fibre-cement panels and cement tiles to a sound condition before painting by applying <b>BONDING LIQUID (CVI 14)</b> to the substrate.</div></div>			

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	<div>2.4CAUTION<ul style="list-style-type: none"><li>For health reasons, avoid dusting when preparing fibre-cement surfaces. Keep surfaces wet and wash off residues with water.</li></ul></div> <div>3.SPECIAL CAUTION TILES – UNPAINTED CEMENT &amp; SLURRY COATED TILES.</div> <div>3.1The painting of unpainted cement, slurry coated tiles, clay and well-weathered tiles are not normally recommended, unless the correct primer is used. Remove dust, dirt, loose granules, friable and powdery material with a high-pressure water jet or scrubbing with a hard bristle brush and water. Allow surface to dry.</div> <div>3.2For Extremely porous surfaces – Such as unpainted cement, slurry coated tiles, clay and well weathered tiles, apply undiluted BONDING LIQUID (CVI 14) allow to dry for 8hrs before applying NUROOF. NUROOF must be applied within 48hrs. If 48hr period is exceeded sand surface to a uniform matt finish and clean. Then apply 2 full coats of undiluted NUROOF to achieve a minimum dry film thickness of 50 microns.</div>
Application	<div><ul style="list-style-type: none"><li>Stir NUROOF thoroughly with flat paddle.</li><li>Apply by brush, roller or airless spray.</li><li>NUROOF must be applied undiluted.</li><li>For non-porous surfaces, such as galvanised iron, apply two coats without diluting to achieve a minimum dry film thickness of 50 um.</li><li>For extremely porous surfaces, such as unpainted cement, slurry coated tiles, clay and well weathered tiles, apply undiluted BONDING LIQUID (CVI 14) allow to dry for 8hrs before applying NUROOF.</li><li>NUROOF must be applied within 48hrs. If 48hr period is exceeded sand surface to a uniform matt finish and clean. Then apply 2 full coats of undiluted NUROOF to achieve a minimum dry film thickness of 50 µm.</li><li>Allow at least 1hour drying time between coats of NUROOF.</li><li>N.B When painting corrugated sheet roofs, start at the apex and work downwards completing a full sheet at a time joining in the valleys to avoid lap marks.</li></ul></div>
Cautions	<div><ul style="list-style-type: none"><li>Friable and powdery surfaces require special care before painting – if in doubt contact Plascon Help line 08 60 20 40 60. Painting of all clay tiles, slurry coated tiles and well-weathered tiles are not normally recommended, unless the correct primer is used.</li><li>The painting of all slate and wooden shingles is not recommended.</li><li>Do not apply to surfaces where the temperature is less than 10 °C.</li><li>Do not paint under conditions of frost, dew, rain or fog or inclement weather. Note: Painting under the above conditions may affect the performance of the paint film.</li><li>To ensure that colours on a project are consistent, check that batch numbers are the same.</li><li>The Plascon 7 year Quality guarantee is not applicable where NUROOF is used on flat roofs.</li></ul></div>
Safety Precautions	<div><ul style="list-style-type: none"><li>Keep out of reach of children.</li><li>Ensure good ventilation during application and drying.</li><li>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. If ingested give plenty of water / milk. Do not induce vomiting. Seek medical attention.</li><li>Refer to Material Safety Data Sheet for complete information.</li></ul></div>
Transportation	<div>This product is non-hazardous in accordance with Transportation and Classification of Dangerous Goods Act (1996).</div>

DISCLAIMER:

The recommendations contained herein are given in all 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.

N.B.: 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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