

Technical Data Sheet



RoofCare

Exterior Emulsion

Product Description

RoofCare is a premium full acrylic water based finish. It provides good UV durability, algae resistance and colour fastness. It is low VOC and APEO-free.

Recommended Use

Exterior use for concrete, masonry, soft board and roof tiles suitable for new and repainting projects.

Product Information

Binder	: Full Acrylic
No. of Components	: 1
Solids (% by Volume)	: 40 ± 2 %
Flash Point	: Non Flammable
Colour	: Please consult KCC representative for standard colours
Finish	: Low Sheen

Application Information

Substrate	: Concrete, Masonry, Soft Board, Roof Tiles
Recommended No. of Coats	: 2
Recommended Wet Film Thickness	: 100 µm / Coat
Recommended Dry Film Thickness	: 40 µm / Coat
Theoretical Spreading Rate @ 40µm	: 10 m ² / L / Coat
<small>(Does not include substrate condition and loss factors)</small>	
Drying Agent	: Evaporation, Coalescence
Drying Time	: Touch Dry 30 min Recoat 45 min

Application Methods

Applied By	: Brush / Roller / Spray
Thinner	: Clean Water
Clean Up	: Clean Water

Packaging & Storage

Packaging	: 5L
Shelf Life	: 12 months - Unopened
Storage	: Cool, dry and well ventilated area away from heat and direct sun light. Lid must be kept tightly closed.

Disclaimer : The above information is given to the best of our knowledge based on laboratory testing and practical experiences. The information in this data sheet may be subject to changes from time to time and without notice due to production refinements arising from continuing research and evaluation programmes, which may occasionally result in marginal changes in the coating properties.

Surface Preparation

New Masonry Substrate

Allow all new surfaces to dry out thoroughly, preferably for at least 28 days drying time or check moisture content for less than 16%. Surface imperfections, misalignments and protrusions shall be made good and patched up. All surface contaminants such as laitance, dust and loose cement shall be removed using scraper, sandpapers and clean stilt brushes.

Previously Painted Surfaces

All loose or defective paintwork or powdery residues shall be thoroughly removed by high pressure water jet cleaning. Treat any areas affected by mould, lichens, algae and moss with "KCC Fungicidal Solution". Make good minor defects with an appropriate suitable exterior putty sealant.

Typical Recommended Painting System

Substrate: Concrete, Masonry, Soft Board, Roof Tiles

<u>System</u>	<u>Product</u>	<u>No. of Coats</u>
Sealer	Koresil 450	1
Finish	RoofCare	2

Substrate: Previously Painted Concrete, Masonry, Soft Board, Roof Tiles

<u>System</u>	<u>Product</u>	<u>No. of Coats</u>
Sealer	Koresil 401	1
Finish	RoofCare	2

Application & Cleaning Instructions

Paint is ready for use after thorough stirring. Thinning is not normally necessary, however, if required for better workability, do not exceed 5% of dilution ratio. Clean up equipment with water immediately after use.

Health & Safety

Ensure good ventilation during application and drying. Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of soap and water. During spray application, do not breathe in mist and wear suitable respiratory protective equipment. Keep out of reach of children.

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WOOD, METAL & ROOF

COLOUR SELECTIONS



HI-GLOSS ENAMEL & SATIN-GLOSS ENAMEL

Premium High Gloss Finish & Satin Gloss Finish

HI-GLOSS ENAMEL is an excellent gloss finish that provides good colour retention for both interior and exterior wood and metal surfaces. Satin Finish is also available in the following colours.



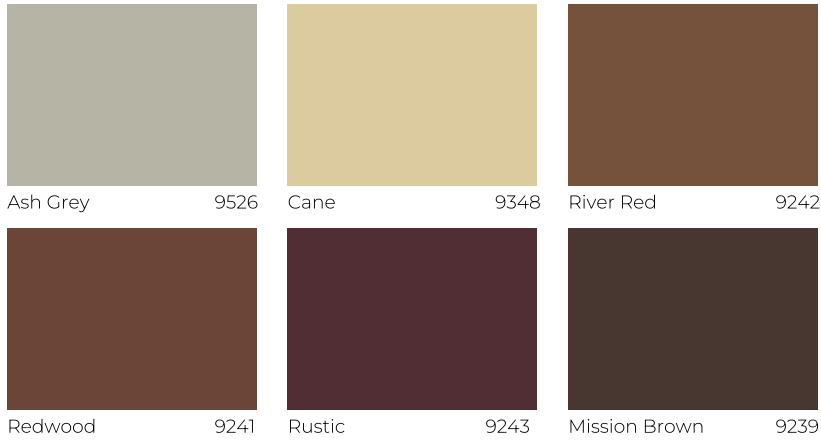
			
Papyrus K12056	Magnolia K12633	Ivory K12032	Sugar Cane K12652
			
Bamboo K12057	Silver Mist K12693	Ash Grey K12699	Pewter K12695
			
Executive Gray K12104	Dawn Grey K12747	Nutmeg K12461	Golden Honey K12727
			
Clementine K17066	Mocha Latte K12686	Rustic K12038	Signal Red K12437
			
Scarlet K14361	Heritage Red K14630	Suede K12116	Leather K12037
			
Conifer K13339	Antique K12016	Wira Blue K11227	Shell Yellow K13317
			
White K12101	Black K10122		

The colours on this card are as close to the actual paint colours as modern printing techniques allow. Where colour matching is critical, an applied sample is recommended.

TIMBERWARNA

Timber & Galvanised Substrate Finish

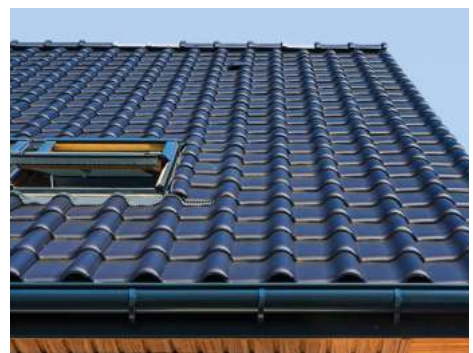
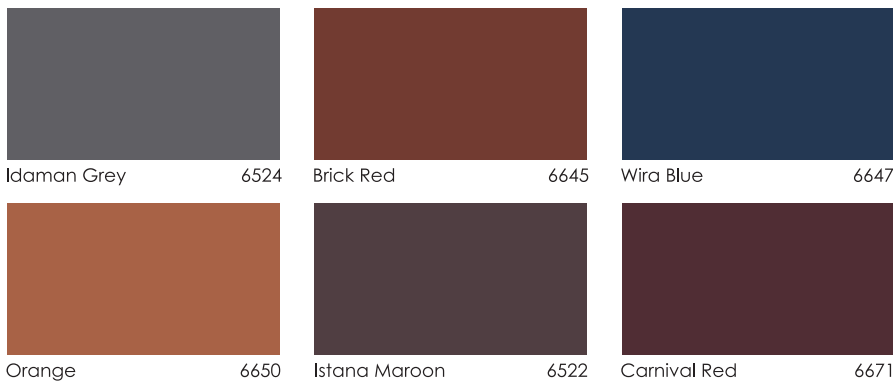
TIMBERWARNA is a premium acrylic water based finish that is durable, easy to apply and provides good UV resistance, colour fastness and fungus resistance.



ROOFCARE

Acrylic Roof Coating

ROOFCARE is a premium full acrylic water based finish for exterior roofs, formulated to resist fungus and algae growth and provide good weathering protection.



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RECOMMENDED PRIMERS

SUBSTRATE PRODUCT	WOOD	METAL
PRIMER	 Alkyd 131 UC	   Metal Prime 210 ZP Metal Prime 212 ROX Metal Prime 213 ZP

Alkyd Anti-Corrosive Primers

Metal-Prime 212ROX, Metal-Prime 213ZP and Metal-Prime 210ZP are conventional alkyd anti-corrosive primers that require minimum surface preparation such as wire brushing or scraping.

Metal-Prime 212ROX



Red Oxide

Metal-Prime 213ZP



Grey Green

Metal-Prime 210ZP



Grey

RECOMMENDED TOPCOATS





















SUBSTRATE PRODUCT	WOOD	METAL	ROOF
TOPCOAT	 Hi-Gloss Enamel	 Satin-Gloss Enamel	 RoofCare
	 TimberStain	 TimberWarna	

TIMBERSTAIN

Translucent Woodstain Varnish

TIMBERSTAIN is a premium wood varnish with excellent brushability and permeability to highlight the natural beauty of the wood grain.



			
Akasa 5121	Chengal 5122	Coconut 5123	Yew 5124
			
Ariba 5126	Antique Cherry 5129	Cedar 5125	Nyatoh 5127
			
Golden Pine 5103	Rust 5105	Redwood 5107	Rosewood 5108
			
Oak 5111	Mahogany 5102	Teak 5104	Meranti 5101
			
Amarello 5131	Pond 5130	Pecan 5128	Black 5110

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