

ULTRA FLEX

Acrylic Plus

Release: 1st July 2010
 Review: 7 January 2013

PRODUCT DESCRIPTION:

Ultra Flex Acrylic Plus is an economic UV resistant styrene acrylic copolymer membrane which has high water resistance, excellent elasticity, very good pigment binding and high tensile strength. The membrane is suitable for use in areas where certified membranes are not required. Coating roofs, external walls and general waterproofing, although the membrane is not trafficable. The membrane is suitable for most external waterproofing requirements.

PRODUCT ADVANTAGES:

Cost effective UV resistant membrane that outperforms general acrylic membranes in water resistance thereby making it particularly suitable for roof waterproofing and any exterior wall facade waterproofing requirements.

SUBSTRATE PREPARATION:

Substrates should be sound and smooth finished, free from oil and grease, waxes, dust, laitance and all loose matter. Masonry surfaces must be pointed flush and surface defects repaired. Do not apply if rain is imminent as acrylic membranes can re-emulsify up to a day after application – depending on the weather conditions. Galvanised metals and steel substrates must be suitably primed (eg, metal etch primer). Painted surfaces should be cleaned and lightly sanded to ensure that the priming system achieves a key. Rusted metal will need the rust treated before the application of a suitable metal etch primer.

SUBSTRATE PRIMING:

Prime in accordance with the instructions pertaining to the primer that is being used. Ensure that the Ultra Flex Acrylic PLUS is applied within the application window for the primer being used. For specific external coating/priming requirements, please contact Resinflow.

PRIMING OVER SILICONE:

Where the silicone is the type suitable for painting, prime directly over it. Where it is not and adhesion is a problem, coat the silicone with 'No More Gaps' and primer over the top, then apply the membrane.

WORKING OVER SOLVENT BASED SEALANTS:

Never apply any waterbased membrane over a non cured, solvent based sealant such as Sikaflex (Polyurethane). Doing so will result in the failure of the membrane over the sealant. Ensure that all solvent preparatory materials are fully cured before over coating with Ultra Flex Acrylic PLUS. The use of bond breaking tapes is recommended.

PRODUCT APPLICATION GENERAL:

Gently stir, do not allow bubbles to form in the pail. Product can be applied by an airless system, roller or by brush. At least two coats are required to achieve a dry coat thickness of 1mm. Recoat up to 4 hours at 25°C.

PRODUCT COVERAGE:

1.5 litres per m2 in two coats will give 0.85mm to 1mm dry coat.

Drying Time: Average drying time is between 3 and 4 hours at 25°C per normal coat and the product achieves water resistance after 10 to 12 hours following application.

APPLICATION:

Stir the contents well prior to application. Apply by airless spray, brush or long-nap roller to obtain a consistent and even coating. Apply in two coats to achieve a 1mm dry coat. This is achieved by undertaking two application coats at a rate which utilises 15L of membrane over 8–9m2.

PRIMING:

We recommend that all concrete, masonry, brick and fibre-cement surfaces be primed with a two-part water-based epoxy primer after the removal of all loose material and laitance. When any waterbased membrane is applied to a dry, non-primed surface, pin holing may occur as the substrate absorbs moisture from the membrane. Either prime the substrate or apply a second coat of Ultra Flex Acrylic PLUS to alleviate the problem.

Smooth Surfaces such as FC Sheeting may require keying prior to application if a non penetrative primer is used. Surfaces that are subject to heat/solar induced vapour

may cause the membrane to bubble and should be first coated with a suitable primer such as a two-part epoxy primer, preferably in 2 coats to ensure resolution of the vapour problem.

METAL SURFACES:

Need to be cleaned, rust treated and primed with a suitable metal etch primer.

Surfaces subject to excessive heat/solar induced vapour may cause the membrane to bubble. These surfaces should be first coated with a primer suitable for the task eg. a good quality waterbased two-pack epoxy primer.

PRIMING OVER POLYURETHANE SEALANTS:

Where polyurethane sealants are solvent based, it is critical to ensure that the sealant cures before any over coating with Ultra Flex Acrylic PLUS. The expelling solvent from the polyurethane will interfere with non cured waterbased primers and waterbased membranes resulting in possible cracking along the bead line. An alternative sealant that can be used safely is Neutral Cure Silicone.

IMPORTANT:

If exposed to weather do not apply if rain is imminent, nor if temperature is below 5°C.

COVERAGE:

1.6 litres per m² in two good coats.
(Variation may occur depending on the porosity of the substrate.)

DRYING TIME:

Average drying time is 2 to 3 hours at 25°C in low humidity.
Damp surfaces, low ventilation and cooler weather will increase drying times.
The use of fans in internal situations accelerates the drying process.

PRODUCT STORAGE:

Can be stored for up to 18 months in sealed containers out of direct sunlight.

CLEAN UP:

Equipment and minor spills can be cleaned with water if still wet. Cured product should be cleaned with a solvent.

PACKAGING:

Ultra Flex Acrylic PLUS is available in 15 litre pails.

PRECAUTIONS:

Ultra Flex Acrylic PLUS is a safe waterbased product however; avoid contact with the skin and eyes. If poisoning occurs contact a doctor or the poison information centre 0n 131 126. Do not induce vomiting. Give water to drink. The use of gloves and eye protection is always recommended.

(Refer to manufacturer for detailed specification)

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