

# MEMFLEX



## DESCRIPTION

**MEMFLEX** is a flexible and elastomeric membrane coating with high adhesion, resilience and excellent UV resistance. **MEMFLEX** is based on a durable blend of pure acrylic copolymers. **MEMFLEX** is passed under AS 4858:2004 as a Class 3 waterproof membrane.

## FEATURES

- **MEMFLEX** forms a tough flexible film that is capable of coping with substrate movements and cracks.
- **MEMFLEX** is able to withstand impact and possesses excellent rebound properties.
- **MEMFLEX** is supplied in various colours.
- **MEMFLEX** has excellent ability to withstand UV and heat ageing.
- **MEMFLEX** can be applied in thinner layers than traditional membranes, allowing for faster drying in adverse weather conditions.
- **MEMFLEX** is polymer rich product. It does not contain high volumes of filler like cheaper membranes which contribute to brittleness and fragility in the long term.

## USES

Ponds, bird baths, external timbers, internal and external waterproofing.

## PREPARATION

The substrate surface is to be made sound, have integral strength and is to be made free contaminants including, but not limited to dust, oils, laitance, algae, fungi, coatings, paints, bitumen's, curing compounds and stains.

Plain, untreated surfaces of substrates are to be ground.

Substrates which have, or had coatings or treatments applied, are to be ground to create an undamaged surface. The capacity of which for being the subject of adherence is maximized. This is for all substrates.

Water blasting, using no less than a 4500psi water blaster, is carried out to thoroughly clean the ground surface.

**MARCMOVE** should be used to remove oil and grease stains after grounding. Water blasting should be done after using **MARCMOVE** to remove it before any further treatments, e.g. coatings, paints.

Waterblast waterflow to the nearest substrate edge. Allow substrate to dry for at least 24 hours @25°C.

## DIRECTIONS

Apply two coats of **NANOPLEX** at 6-8m<sup>2</sup>/litre.  
**TIMBER:** Apply two coats of **MEMFLEX** at a rate of 6-8m<sup>2</sup>/litre/coat. Allow 2-4 hours between coats at 25°C full drying between coats.

**PONDS:** Apply one coat of **PLICRETE** at 4m<sup>2</sup>/litre. Allow to dry for a minimum of 24 hours @25°C.

For surfaces that are subject to ingress of moisture, apply two coats of **PLICRETE** at 4m<sup>2</sup>/litre/coat. Allow a minimum of 24 hours drying at 25°C between each coat of **PLICRETE** and after the final coat of **PLICRETE** before applying **MEMFLEX**.

For wall/wall and floor /wall joints, apply a 10-15mm bead of suitable polyurethane as a bond breaker. Allow to set correctly before proceeding. Refer to manufacturer's instructions as to correct tooling off requirements and curing times for the polyurethane sealant.

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IDENTIFICATION  
PAGE 1 of 2  
ISSUE: April 2023  
REF: MMFX

QUINDALUP HOLDINGS PTY LTD (A.C.N. 009 026 386) AS TRUSTEE FOR CALMARC FAMILY TRUST (ABN 18 340 289 669)

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# MEMFLEX



Apply a coat of **MEMFLEX** and while wet, bed in a 125mm strip of 225g/m<sup>2</sup> chopped strand fiberglass evenly over the joint. With a **MEMFLEX** wetted brush, remove any air pockets, air bubbles, make sure the fiberglass strip is tight in the joint. When the fiberglass strip has been bedded in correctly, apply a coat of **MEMFLEX** over the top of the fiberglass strip to cover and fill pin holes. Do not over work the **MEMFLEX** as this may disturb the fibres in the fiberglass strip, causing them to bunch and/or protrude from the strip surface. Allow the strip membrane to dry for a minimum of 24 hours @25°C.

Apply two coats on **MEMFLEX** at a rate of 3-4m<sup>2</sup>/litre/coat. Allow at least 6 hours drying between coats at 25°C. Allow at least 5-7 days drying time at 25°C for complete system before filling with water. Before filling with water, rinse and drain three times repeatedly with clean water.

**WATERPROOFING:** Apply one coat of **NANOPLEX** at a rate of 6-8m<sup>2</sup>/litre. Allow to dry.

For surfaces that are subject to ingress of moisture, apply two coats of **PLICRETE** at 4m<sup>2</sup>/litre/coat. Allow a minimum of 24 hours drying at 25°C between each coat of **PLICRETE** and after the final coat of **PLICRETE** before applying **MEMFLEX**.

For wall/wall and floor/wall joints, apply a 10-15mm bead of suitable polyurethane as a bond breaker. Allow to set correctly before proceeding. Refer to manufacturer's instructions as to correct tooling off requirements and curing times for the polyurethane sealant.

Apply a coat of **MEMFLEX** and while wet, bed in a 125mm strip of 225g/m<sup>2</sup> chopped strand fiberglass evenly over the joint. With a **MEMFLEX** wetted brush, remove any air pockets, air bubbles, make sure the fiberglass strip is tight in the joint. When the fiberglass strip has been bedded in correctly, apply a coat of **MEMFLEX** over the top of the

fiberglass strip to cover and fill pin holes. Do not over work the **MEMFLEX** as this may disturb the fibres in the fiberglass strip, causing them to bunch and/or protrude from the strip surface. Allow the strip membrane to dry for a minimum of 24 hours @25°C.

Apply two coats on **MEMFLEX** at a rate of 1.1-1.2m<sup>2</sup>/litre/coat. Allow at least 6 hours drying between coats at 25°C.

For external application, do not apply if humidity is above 70% or if rain or inclement weather is expected or has occurred within 72 hours.

Do not attempt to rework partially dried product. This will damage the coating.

**MEMFLEX** should not be applied if temperature is below 10°C or above 30°C.

## CLEAN UP

Clean up is done with water in wet state. When dry, use **MARCMOVE**.

## STORAGE

Store **MEMFLEX** in sealed containers under cover in a cool area away from foodstuffs.

## PACK SIZES

**MEMFLEX** is sold in packs of 5, 10, 15, 20 and 200 litres.

## TRANSPORT

**MEMFLEX** is not a hazardous good as defined by Safe Work Australia.

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