



PONDSEAL

WATERPROOFING MEMBRANE FOR PONDS

Description

Pondseal is an easy to apply latex/acrylic co-polymer incorporating special reinforcing fibres, which when fully cured, forms an impervious, flexible and aesthetically pleasing waterproofing membrane. It is non-toxic and is formulated specifically for ponds and is compatible with fish and plants.

Colours

It is available in Midnight Blue (deep blue), Sandstone and Black. It can be made in other colours but minimum quantities apply.

Substrates

Pondseal is suitable for most types of substrates and includes suitably primed concrete, cement render, brick, blockwork and masonry surfaces.

Pond Design Recommendations

The construction should be sound, stable and free of any gaps, cracks, holes, loose materials, contaminants and expansion joints.

- A plastic sheet must be laid between the ground and concrete slab and walls.
- Brick work should be pointed flush and bagged or rendered.
- Block work must be pointed flush and bagged or rendered.
- Right angles, particularly at the floor/wall corners, should be rounded.
- Where rockeries or stones are incorporated into the design of the pond, they should be firmly embedded into the concrete or render with sufficient coping around them to provide an adequate gap-free surface on to which the Pondseal membrane can be applied.

Preparation And Priming

Although the primers and membrane can be applied to damp surfaces (but free of surface water or continual dampness) it is recommended that the surface should be dry. Damp surfaces will prolong the drying/curing of the membrane and primers.

To square corners apply a polyurethane mastic to form a 10mm angled fillet and allow to dry.

The entire area should be primed with either:

- One or two coats of Duram Primeseal (two-part water based primer) and allowed to cure. Curing time is about 8 to 12 hours at 25°C with adequate ventilation. The application rate is 3 to 4 square metres per litre per coat.
- One or two coats of Duram WB Primer (single pack water based primer) applied at the rate of 4 to 5 litres per m² and allowed to dry. Porous surfaces may require an additional priming coat. The membrane should be applied within 24 hours of the primer being fully dry.

Application Of Pondseal

Apply Pondseal by brush or roller.

For Pondseal without micro-fibres, i.e. manufactured before November 03:

- To all corners apply a coat of Pondseal at 0.5 mm thick and embed a strip of Durascrim (100mm or 150mm wide polyester reinforcing fabric) ensuring that this is wrinkle and bubble free. Immediately thereafter, apply an additional similar coat to fully cover and saturate the fabric. Ensure that there are no pinholes in the

fabric/coat.

- To the rest of the pond surface apply a coat of Pondseal at the rate of 0.75 litres per square metre. Allow the membrane to dry.
- Apply one or two further similar coats (approx. 24 apart) to entire area (including the reinforced areas) and ensuring each coat is dry before applying the next.
- The minimum thickness of the cured membrane must be 1mm.
For Pondseal with micro-fibres, i.e. manufactured November 03 or after:
- the Durascrim reinforcing can be omitted provided that for all corners a polyurethane joint sealant / mastic is applied and tooled off at 45° to form a flexible fillet.

Drying/Curing

It is essential that the membrane be kept dry during its curing. Allow it to cure for at least 7 days (in good drying conditions) after the membrane has dried prior to filling. Cold, damp and high humid conditions will prolong curing.

Clean Up

Wet utensils and spills can be cleaned with water.

Water Treatment

We recommend that the coated surfaces be thoroughly flushed with clean water and drained. Ensure water is suitably aged and treated before introducing fish.

Other References

For other information consult can label or product brochures.

JAN 04

IMPORTANT

The product information contained in this data sheet is given in good faith based upon our knowledge and current information and does not imply any warranty. The information contained herein is provided on the basis that the product is applied in a proper manner strictly in accordance with instructions onto correctly prepared surfaces which shall remain sound, stable and free of cracking or movement. Instruction application deviation may diminish or negate the performance of the product. Under no circumstances will the Company be liable for any loss, consequential or otherwise, arising from the use of the product. We reserve the right to amend specification and application techniques without prior notice.

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