



Durapond

Duram Durapond is a durable and safe waterproofing solution for fishponds and water features. A unique single pack, polyurethane waterproofing solution, Durapond is non-toxic, odourless when dry and is safe to use on water tanks, dams and ponds that contain drinking water or fish.

Colours: Black, Blue and Clear

PRODUCT USES

You can use Durapond to waterproof:

- Drinking water containers, fish ponds and aquariums.
- Farm dams and water troughs.
- Water features.
- Planters and plant pots.
- Durapond clear is perfect for waterproofing rock and stone water features without hiding their natural appearance.

Important Note: Durapond is not resistant to chlorine and is therefore unsuitable for use in swimming pools.

ADVANTAGES

- Single component solution, so there's no measuring or mixing – simply brush it on.
- Durable and long-lasting.
- Ready to use and easy to apply.
- Adheres to the surface extremely well, especially if used in conjunction with Duram Duraprime.
- Provides a seamless and flexible finish.
- Does not taint water or food.
- Odourless when cured.
- Suitable for permanent immersion in water.
- Tools are easy to clean with Duram Xylene.

COVERAGE

- 0.6m² per litre per coat. Applied in a 3 coat application, resulting in a dry film thickness of ± 1mm.

SURFACE PREPARATION

Surfaces to be waterproofed must be clean, sound, dry (less than 10% moisture content where applicable) and free of all surface contamination such as form release agents, curing compounds, oil, grease and dust. Damage to the substrate must first be repaired. Remove any sharp protrusions that may damage the Durapond.

- Cementitious and brick surfaces: Durapond can be applied directly to cement, stone, brick and fibre-cement provided they are completely dry and clean. Cement should be allowed to hard cure for at least 28 days before applying Durapond. Where the substrate is not completely dry or where

rising damp is expected, prime with Duram Duraprime epoxy primer as per instructions. Where Duraprime has been used, apply Durapond when the Duraprime is touch dry (approx. 2 hours), but for best adhesion do not allow the Duraprime to hard cure (24 hours). Duraprime is not colourfast and therefore should not be used in conjunction with clear Durapond.

- Aluminium: Freshly roughened surfaces must be primed with a two component aluminium primer as per manufacturer's instructions.
- Fibre-glass: Unweathered fibre-glass and gelcoats must be sanded to remove all gloss and wiped with a solvent. Then apply Durapond direct.
- New galvanized iron: Clean surface with Duram NS2 Galvanized Iron Cleaner according to instructions. Rinse thoroughly with water and allow to dry. Apply Duram NS6 Galvanized Iron Primer and allow to dry.
- New steel: Remove any surface rust or mill scale by sanding or wire brushing. Rinse with Duram Xylene or lacquer thinners to remove sanding dust and any oils or grease. Allow to dry. Apply Durapond directly.

APPLICATION

- Do not apply Durapond if the surface is damp or if rain is expected.
- Do not apply Durapond directly over bituminous sealers without first applying a coat of Duraprime to avoid solvent attack.
- Stir Durapond well and do not dilute.
- Apply by brush or roller to a clean, firm, dry, prepared surface.
- Apply first coat of Durapond thinly to prepared surface at a rate of 0,5 litre/m². Do not apply too thickly as it is preferable to build up film thickness by applying three coats or more. Allow to dry for 6 to 24 hrs depending on conditions. Once dried, apply second coat at a rate of 0,5 litre/m² to the first coat. Once dried, apply third coat at a rate of 0,5 litre/m² to the second coat. Further coats may be applied for additional protection.
- On structural corners, upstands, cracks, full bores and imperfections, Duram Duramesh reinforcing membrane should be embedded into the first wet coat.
- Once cured (96 hours), wash down surface with water and a light detergent. Rinse well at least twice with fresh water before filling with drinking water or introducing fish. A water test is recommended for sensitive fish.
- Partly used cans may be stored for short periods and should be tightly sealed and stored upside down.
- Durapond can be overcoated with polyurethane coatings.

CLEANING

Durapond can be removed from tools and skin only in its uncured state, using Duram Xylene.

IMPORTANT

- Thin only if necessary and use only Duram Xylene. Do not mix with water, turps, thinners or any solvent containing water or alcohol. Alcohol will prevent Durapond from curing, while water will cause it to foam and cure in the can.
- Durapond is unsuitable for use in swimming pools.
- Not resistant to HTH or hypochlorite containing compounds.
- Colours are not colourfast.

SAFETY PRECAUTIONS

- Flammable in wet state.
- Keep out of reach of children.
- Wear rubber gloves and protective clothing. Avoid contact with skin and eyes. Durapond bonds to skin, clothing etc and is very difficult to remove once cured. If skin contact occurs, remove contaminated clothing and wash skin thoroughly with soap and water.
- Use in a well ventilated area to prevent build up of solvent vapours. Avoid breathing solvent vapours.
- May cause coughing and lung irritation, headache, dizziness, nausea.
- If swallowed, contact a doctor or poison control centre. Do not induce vomiting. Drink water.

TECHNICAL DATA

Pack size	1 litre, 5 litre
No. of components	Single pack
Mixing ratio	N/A
Touch Drying time	6 to 12 hours
Overcoating time	6 to 12 hours
Full Curing time	4-7 days
Volume solids	60%
Wet film thickness	1 500 microns
Dry film thickness	800 to 1 000 microns
Service temperature	-44°C to 120°C
Application temperature	0°C to 25°C
Flash point	23°C
Flexibility	Excellent - up to 500% elongation
Weathering	Excellent

U.V Resistance	Colour may tend to fade
Abrasion resistance	Good
Density	1,1 g/cm ³
Toxicity	Toxic in liquid form only
Fire Hazard	In liquid form only
Cleaner	Duram Xylene
Shelf life	12 months in unopened container
Storage	Unopened container – undercover in cool, dry area below 30°C Opened container – use within 48 hours

Technical details above are provided in good faith. We are an ISO 9001: 2008 registered company and our products are manufactured to the highest standards using raw materials of superior quality. Consequently we believe in the quality of our products and will willingly replace any product in the unlikely event of a quality related performance failure. Whilst we are confident in guaranteeing the quality of our products, we cannot however accept any liability for performance failure due to the incorrect application of our products. Correct application is critical to the successful performance of our products and as this process falls outside of our control we are unable to cover the application under our product performance warranty. Where there are doubts, it is recommended that the user conduct their own suitability tests before use. To retain sheen and colour consistency of your paint, always make sure that the batch numbers are the same on all paint containers that you purchase.

Updated: August 2011 (this supercedes all previous publications)