



# DRYMIX

## DRYPROOF

Internal  
& external  
sides

# CONCRETE & BLOCK

Flexible cement based waterproof membrane

**DRYMIX DRYPROOF CONCRETE & BLOCK** is a unique flexible cement based waterproof membrane suitable for a range underground and remedial applications to protect surfaces against positive and negative moisture flows. Available in powder form, water is added to create a unique slurry mixture and applied to surfaces by brush or roller. DRYMIX DRYPROOF CONCRETE & BLOCK can be left as a finished coating, tiled or rendered over.

#### THIS PRODUCT IS

- ⦿ Non flammable and non toxic
- ⦿ User safe and environmentally friendly
- ⦿ Withstands negative water pressure
- ⦿ Highly durable providing a tough membrane finish
- ⦿ Flexible
- ⦿ Fast drying
- ⦿ Able to be applied over damp surfaces
- ⦿ Suitable for tiling or rendering directly over

#### CAN BE USED

- ⦿ Basement walls – internal & external sides
- ⦿ Retaining walls & planter boxes
- ⦿ Lift pits
- ⦿ General damp coursing applications
- ⦿ Waterproofing to concrete blocks, brick, masonry and mortars where crystal treatments are not suitable

#### SURFACE PREPARATION

Surfaces are to be structurally sound and stable, clean, dry and free of any loose material, including existing coatings, sealants, residues, rust and organic growth. Surfaces are to be free of sharp objects and all voids to be filled with suitable repair mortar compounds or paintable grade sealants.

All substrates to be installed as per manufacturer's recommendations.

Structures are to be constructed to the New Zealand Building Code.

#### MIXING

- ⦿ Pour 2/3 of water needed into a clean empty pail
- ⦿ Measure DRYMIX DRYPROOF CONCRETE & BLOCK powder and slowly add to water while mixing on low speed with drill and paddle mixer attachment
- ⦿ Continue to mix until free of lumps
- ⦿ Add the remaining 1/3 of water and mix until a smooth lump free mix is formed
- ⦿ Allow to settle for 1-2 minutes and lightly re-stir before using

#### WATER ADDITION

**2kg** - add between 375mls - 450mls of water to form approx 1.6 litres of wet membrane.

**10kg** - add between 1.8 litres - 2.2 litres of water to form approx 8.5 litres of wet membrane.

#### PRIME

DRYMIX DRYPROOF CONCRETE & BLOCK can be applied over clean, un-primed surfaces. Surface should be pre-dampened with light water mist prior to application.

\*Check with Drymix Technical Department for surface compatibility.

#### WATERPROOF REINFORCEMENT

DRYMIX DRYPROOF WALL & FLOOR JUNCTION TAPE seals movement zones and joint abutments against moisture and will act as the bondbreaker for the membrane system. Fix to the surface by embedding into a wet coat of DRYMIX DRYPROOF CONCRETE & BLOCK. Recoat ensuring fabric is fully covered and well bonded.

Suitable for: wall/floor junctions, wall/wall junctions, surface abutments and over any voids/ cracks.

DRYMIX DRYPROOF WATERPROOF CORNERS are used at internal corner junctions and should be used in conjunction with DRYMIX DRYPROOF WALL & FLOOR JUNCTION TAPE, ensuring the tape overlaps corners. Corners are fixed using the same method as the tape.

#### APPLY THIS PRODUCT BY

For positive waterproofing applications, apply a minimum of 2 coats by brush or medium nap roller at coverage of 1.5litres/m<sup>2</sup> and once this has been applied a dried film of approx. 1.5mm should be achieved.

For negative waterproofing applications, total coverage rate of 2.5litres/m<sup>2</sup> should be applied forming a dried film thickness of 2.5mm.

When applying this product, always apply the following coat at a right angle to the first coat.

#### DRY TIMES

Free of tack	30-60 minutes
Apply next coat	1-2 hours
Dried membrane	8 hours
Tiling or toppings over	24 hours
Pot life of mixed product	45 -60 minutes

\*Dry times are based on ambient conditions of 20°C. Cooler temperatures, high humidity and surface porosity will vary dry times.

#### POINTS TO TAKE NOTE

- ⦿ Do not apply to areas if rain is forecast within 24 hours
- ⦿ All coatings applied over DRYMIX DRYPROOF CONCRETE & BLOCK must be water based
- ⦿ Only use immiscible grade, polymer enhanced cement based adhesives when tiling directly over the membrane
- ⦿ This product should not be applied if the surface temperature is less than 5°C or higher than 35°C
- ⦿ All active water flows must be sealed first with DRYMIX DRYPROOF WATER PLUG
- ⦿ Pot life will be reduced in warm and dry conditions

#### CLEAN UP & STORAGE

- ⦿ Clean up spills, and tools in water while product is wet. Once product is dried you will need to remove using a sander, grinder or another mechanical method
- ⦿ When not in use keep at room temperature under cover and away from sources of moisture
- ⦿ Do not expose to prolonged cold freezing conditions or in direct sunlight
- ⦿ Shelf life is 12 months

#### COLOUR

Colour: Off white