



# Sealex Industries

## Waterproofing Systems, Sealers & Sealants

### DF-30 2 Part Cementitious Membrane

### Data Sheet

#### DESCRIPTION

Sealex DF-30 is a versatile 2 part flexible cementitious membrane designed for a broad range of waterproofing applications including internal/external under tile, subterranean and immersed areas. DF-30 can also be utilised as a base system for Sealex PU10 Trafficable™ and UV Stable membrane. When properly applied DF-30 cures to form a durable, seamless, odourless and impervious membrane.

#### ADVANTAGES

DF-30 has a number of advantages including very fast curing times, good resistance to alkalis, salt solutions and diluted acids, non toxic and excellent bonding strength. It cures to form a very tough waterproof membrane with good flexibility and elongation values. DF-30 has been tested by CSIRO to AS.4858-2004 'Wet Area Membranes' as well as AS/NZS 4020: 2005 for potable water storage.

#### APPLICATIONS

DF-30 has been specifically designed for most waterproofing requirements including the long-term waterproofing of wet areas, exterior decks, terraces, balconies, planter boxes, retaining walls, water tanks and swimming pools.

#### PREPARATION

Substrates should be smooth, sound and free from oil and grease, waxes, dust, laitance and all loose matter. Any surface defects should be repaired prior to application of membrane.

#### SUBSTRATES

Suitable for cementitious, concrete, masonry, compressed sheeting, plaster board, plywood timber and metal surfaces. (Concrete must be cured for a minimum 28 days)

#### PRIMING

All surfaces must be primed with Sealex SE-20 two part water based primer at the rate of 6sqm/L. Where areas such as sand/cement screeds and concrete have been subjected to moisture prior to priming, 2 or more coats of SE-20 will be necessary to ensure moisture is contained within the substrate. Dry Internal areas may be primed using Sealex adhesion promoter AP-15. Old concrete may need to be diamond ground and degreased prior to any priming application.

#### APPLICATION

Mix Part A (Liquid) and Part B (Powder) until a homogenous slurry consistency is formed: Apply by brush, texture spray equipment or medium nap roller to obtain consistent even coats, the recommended primer system, 1x body coat and 1 or more subsequent coats until the final cured dry film thickness of the DF-30 is at least 1.2mm. Each coat must be applied at right angles to the body coat after they are dry. Where potential movement of the substrate is expected such as floor to wall and wall to wall corners, floor joints, penetrations, cracks and expansion joints (not in excess of 2mm) a 15mm wide silicone sealant bead such as Sealex PJS600FC or 72mm silicone tape must be applied as a bond breaker. It is critical that the urethane bond breaker is allowed to completely cure prior to the application of the DF-30 system. A polyester reinforcing fabric or 225gram fiberglass mat must be embedded in to the body coat over the bond breaker followed by a saturating coat (ensure that the reinforcing fabric is wrinkle free and completely saturated with wet membrane) and allowed to dry. Apply a top coat ensuring that the fabric is completely covered and there are no pinholes. Where reinforcing fabric is used, the flexibility of the membrane will be decreased at that point and a min 75mm bond breaker will be needed to ensure adequate movement. All waterproofing applications must conform to the current applicable Australian standard AS 3740-2004.

#### WASTE OUTLETS

Flange fittings are recommended and should be rebated into the substrate and sanded before waterproofing. The membrane should be laid over an area 150mm around the outlet and onto the flange plate and turned down into a drain finishing to a clean edge.

#### COVERAGE

1.5-2.0 litres per square meter. (Variation may occur depending on the porosity of the substrate).

#### DRYING TIME

Average over coat drying time is 2 hours approx at 20 degrees C in low humidity. Damp surfaces, low ventilation and cooler weather will greatly increase drying times.

#### STORAGE

Can be stored for up to 18 months in sealed containers. The product is not freeze/ thaw proof, do not allow to freeze.

#### CLEANING UP

Utensils and minor spills can be cleaned up with water if still wet. Cured DF-30 must be mechanically removed

**Ph: 1300 555 955**

Po Box 7140 Penrith NSW 2750 Fax: 1300 855 598  
sales@sealex.com.au ABN No. 69 869 113 449