



Alliance Remedial Supplies Limited



DryFix Self-Adhesive Bitumen Tanking Membrane

DESCRIPTION

A high-performance bituminous based self-adhesive membrane for basements and below ground structure waterproofing applications and providing an effective barrier against radon gas.

The upper surface is self-protected with an improved bi-orientated high-density polyethylene (HDPE) film.

- High tensile strength
- Puncture resistance
- Resistant to impact and peel strength
- Great resistance to hydrostatic head of water
- >300% compound elongation. Perfect for bridging cracks and accommodating building movement
- Excellent mechanical properties
- Self-healing properties due to SBS polymer modification
- High chemical, oxidation, and microbial resistance



USES

DryFix Self-Adhesive bitumen membrane is used for internal and external tanking of underground structures, reservoirs, car park and roof decks, subways, lift shafts and retaining walls. It is satisfactory for use as a waterproofing membrane for type A basement constructions grades up to and including 3 as defined in Table 1 of BS 8102:2009.

ADVANTAGES

- Rapid and easy cold application
- Flexible and accommodating giving excellent bond to substrate
- Non-Hazardous and resistant to dilute acids and alkalis
- High performance protection against surface and ground water and soluble salts
- Capable of resisting a 6-meter head of water when fully supported

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PROCEDURE

Surface Preparation: The surface should be smooth and free from sharp projections and hollows. Cured concrete bases should be dry and swept free of dust and rubble. Internal and external angles require profiling prior to application.

Priming: Apply Primer by roller brush or spray (at a nominal rate of 8m² per liter) and allow to dry.

Application: The release paper should be removed for the first 500mm of the roll and the membrane pressed firmly into position to ensure no air pockets are formed. Application of the roll is then completed by continuing to remove the release paper and smoothing the membrane onto the substrate.

Adjacent rolls should allow a minimum side overlap of 50mm and end overlap of 100mm. This overlap is in addition to any overlap on to the selvedge. Prior to overlapping adjacent rolls the release strip protecting the selvedge should be removed. Joints should be firmly pressed to ensure a watertight seal.

On internal or external angles or corners a reinforcing strip should be applied. The membrane should always be laid across the falls. After application, to ensure the membrane is not damaged during backfilling or by following trades a screed or protection board should be laid immediately.

If the substrate is damaged ensure that the substrate is repaired using a suitable repair product.

SIZES

Code	Height (m)	Length (m)	M ²
HYD3000-5	1.0	5.0	5m ²
HYD3000-10	1.0	10.0	10m ²
HYD3000-15	1.0	15.0	15m ²
HYD3000-20	1.0	20.0	20m ²

TECHNICAL

Average Radon Permeability (m ² /s)	Upper Surface Finish	Thickness (mm)
4.80 x 10 ⁻¹²	CO HDPE	1.5mm

ANCILLARY PRODUCTS

Protection Board: Bitumen impregnated board designed to protect membranes from damage through backfilling and trafficking.

Bitumen Primer: Bitumen primer for application to all porous substrates prior to application of DryFix Self-Adhesive Bitumen Membrane.

DryFix Top Hat: Preformed polymeric Top Hat to waterproof around pipe penetrations through the membrane.

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