CI/SfB Y

MARCH 2018
(SUPERSEDES MARCH 2012)
PRODUCT DATA SHEET

ARDEX RAPIDLAY MEMBRANE

PVC Damp Proofing and Isolating Membrane

Features

- Quick and easy solution when applying floorcoverings over a damp floor
- Provides a stable, moisture resistant barrier substrate
- Perfect for use over damp and contaminated sub-floors
- Reduces or eliminates the need for mechanical preparation
- Ideal for use with ARDEX Flooring Adhesives

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ISO 9001 Quality Management Systems CERTIFIED
ISO 14001 Environmental Management CERTIFIED
ISO 45001 Occupational Health and Safety Management CERTIFIED
Reg No. FM 01207 EMS 565427 OHS 628374

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ARDEX RAPIDLAY MEMBRANE

PVC Damp Proofing and Isolating Membrane

DESCRIPTION
ARDEX RAPIDLAY MEMBRANE is a specially coated and patterned fibreglass-reinforced sheet underlay designed to overcome the problems sometimes encountered in laying floorcoverings, particularly sheet vinyl flooring, over new or old sub-floors in domestic and light commercial areas.

ARDEX RAPIDLAY MEMBRANE can be laid over a variety of surfaces, such as old sub-floors, vinyl flooring, ceramic tiling, sheet metal, sub-floors contaminated with oil or paint, or damp sub-floors. It can also be used over asphalt sub-floors.

The main advantages of ARDEX RAPIDLAY MEMBRANE are:

- It provides a continuous base which is stable and resistant to damp
- It cuts down laying time as there is no need to wait for the normal sub-floor drying times
- It is dimensionally stable
- Quick installation can be achieved as it is a sheet system
- Allows for a new temporary floor to be laid over an existing floor (without potential adhesive damage on uplifting)
- Low VOC and solvent free product

USE
- Screed or concrete substrates where construction moisture has not fully dried out (max. 5% moisture content, 92% RH)
- Anhydrite Screeds with a maximum of 2% moisture content (carbide method)
- Areas where sub-floors have been exposed to water spillage
- Old sub-floors which do not contain a fully functioning damp proof membrane
- Over old, soundly fixed flooring when a temporary covering is to be applied (without adhesive)
- Suitable for use on heated concrete or cement/sand screeds up to 27°C maximum temperature

ARDEX RAPIDLAY MEMBRANE should NOT be used in:
- Areas that are subjected to heavy wheeled traffic such as forklift or pallet trucks, chair castors, etc.
- On timber bases that are not adequately ventilated
- On sub-floors that are subject to hydrostatic pressure
- On sub-floors which contain an effective damp proof membrane, but exceed a relative humidity of 97% and on sub-floors with no damp proof membrane and a relative humidity above 92%
- On magnesite, composite floors, biologically sensitive areas, or where floorings must be fully adhered, such as prisons

APPLICATION
The sub-floor should be sufficiently smooth and flat. If not, then, consult the ARDITEX NA low odour, latex levelling and smoothing compound data sheet for information on smoothing and levelling the sub-floor. For example, joints in ceramic tiling may need to be pre-smoothed if they are wide and/or recessed, to prevent reflection of the joints through the flooring.

ARDEX RAPIDLAY MEMBRANE should be laid, without using an adhesive, with the patterned, textured surface on the underside, and cut along walls and upstands leaving a 3-6mm gap. The joints should be abutted and fixed on the back (i.e. from above) using ARDEX RAPIDLAY MEMBRANE Jointing Tape or other 50mm wide adhesive tape (suitable for damp conditions where necessary). The underlay must lay flat.

ARDEX RAPIDLAY MEMBRANE should be laid in the same direction as the final flooring. The positions of the joints in the flooring should not correspond and be at least 30cm away from the joints in the ARDEX RAPIDLAY MEMBRANE. Apply under conditions appropriate for the application of the final floor covering. **NOTE:** Use gloves when handling.

The ARDEX RAPIDLAY MEMBRANE must be allowed to acclimatise for at least 24 hours at a minimum temperature of 18°C prior to use. Ideally the ARDEX RAPIDLAY MEMBRANE and floorcovering should be rolled out and allowed to acclimatise and lay flat prior to fixing.

Either form close butt joints or overlap the adjacent sheets and cut through to form a close fitting butt joint. Do not compress the joint otherwise a ridge will form under the floor covering.

The flooring should be adhered to the ARDEX RAPIDLAY MEMBRANE with a suitable adhesive. Recommended ARDEX Adhesives include ARDEX AF 145 Pressure Sensitive Adhesive and ARDEX AF 2525 Two-Component Heavy Duty Adhesive. Use ARDEX AF 2525 where moisture in the subfloor exceeds 92% RH.

It is important to apply the adhesive with an appropriate notched trowel/roller. Allow 24 hours before welding seams in the flooring.

When installing ARDEX RAPIDLAY MEMBRANE (particularly in areas where moisture spillage can occur) and in wet areas, the complete system should be sealed using conventional clamp type drain gulleys, including sealing of pipes etc. and the perimeter must be sealed/capped/coved as appropriate.

At transition points, the flooring should be secured with a mechanical fixing.

PACKAGING AND COVERAGE

ROLL WIDTH	1.45m
ROLL LENGTH	25m
ROLL COVERAGE	36.25m²
WEIGHT	58kg
THICKNESS	1.4mm

STORAGE
Store ARDEX RAPIDLAY MEMBRANE in dry warehouse conditions.Take care not to damage the ends of the rolls during transport or storage.

NOTE: For the latest technical or health and safety information on this product, consult the current technical or health and safety datasheet online at www.ardex.co.uk

TECHNICAL DATA

Parameters	*Specification*	*Test Method*
Weight (kg/m²)	1.6	
Dimensional Stability	+/- 0.2%	EN 434
Flame mm/min	Propagation max. 100	ISO 3795

NOTE: The information supplied in our literature or given by our employees is based upon extensive experience and, together with that supplied by our agents or distributors, is given in good faith in order to help you. Our Company policy is one of continuous Research and Development; we therefore reserve the right to update this information at any time without prior notice. We also guarantee the consistent high quality of our products; however, as we have no control over site conditions or the execution of the work, we accept no liability for any loss or damage which may arise as a result thereof.

Country specific recommendations, depending on local standards, codes of practice, building regulations or industry guidelines, may affect specific installation recommendations.

TECHNICAL ADVICE HELPLINE
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