

# LEYCO<sup>®</sup>-FLEX PE

## SELF ADHESIVE, BITUMINOUS/ASPHALT WATERPROOFING MEMBRANES PROTECTED WITH PE FILMS

### Description

LEYCO-FLEX PE is self adhesive, bituminous membranes, protected with a LDPE or HOPE film.

Uses - Ideal for waterproofing in general, these membranes are available for new construction and retrofit waterproofing of basements, foundations, tunnels as well as terraces and coverings, for the two last mentioned applications, it is necessary to protect the membrane for exposure to UV rays.

Self adhesive waterproofing membranes are there applied where for safety or practical reasons, it is not possible to use traditional methods or torching. In fact, LEYCO-FLEX PE Waterproofing membranes are cold applied, without the use of naked flames or hot air.

LEYCO-FLEX PE consists of a soft self adhesive compound, with excellent properties and a cross laminated high density polyethylene protection film. This special polyethylene film, unique in its kind, owns both strong transversal and longitudinal characteristics; providing an uniform reaction on mechanical stresses with an elongation near 500%, sustains various thermal conditions and is high puncture and chemical agents resistant.

### Technical Data

Thickness:	1,2 mm
Adhesion to primed concrete:	4.9 N/mm (ASTM D1000)
Puncture Resistance:	262 N (ASTM E154) 160 mm (DIN16726)
Tear Resistance:	L71N•T88N (DIN53363)
Cold Flexibility:	≤40°C (DIN52123)
Pliability:	No cracks observed (ASTM D146)
Vapour transmission rate:	0.05g/m <sup>2</sup> /hr (ASTM E96)
Water absorption:	0.09%(ASTM D570)
Environmental Resistance:	Conform/ASTM D543)
Softening Point:	+110°C (ASTM D3670)
Hydrostatic Test:	>6 bar (24hrs) (DIN52123) no leakage at 3 bar for 1hr

### Legal notes

Whilst information and/or specification contained herein is to the best of our knowledge true and accurate, and is based on many years experience, we cannot accept any liability either directly or indirectly arising from these of our products, whether or not in accordance with any advice, specification or recommendation given by us, as we have no direct or continuous control over how or where our products are applied.

**LEYDE-PRODUCTS** are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale. 01.09.2009

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