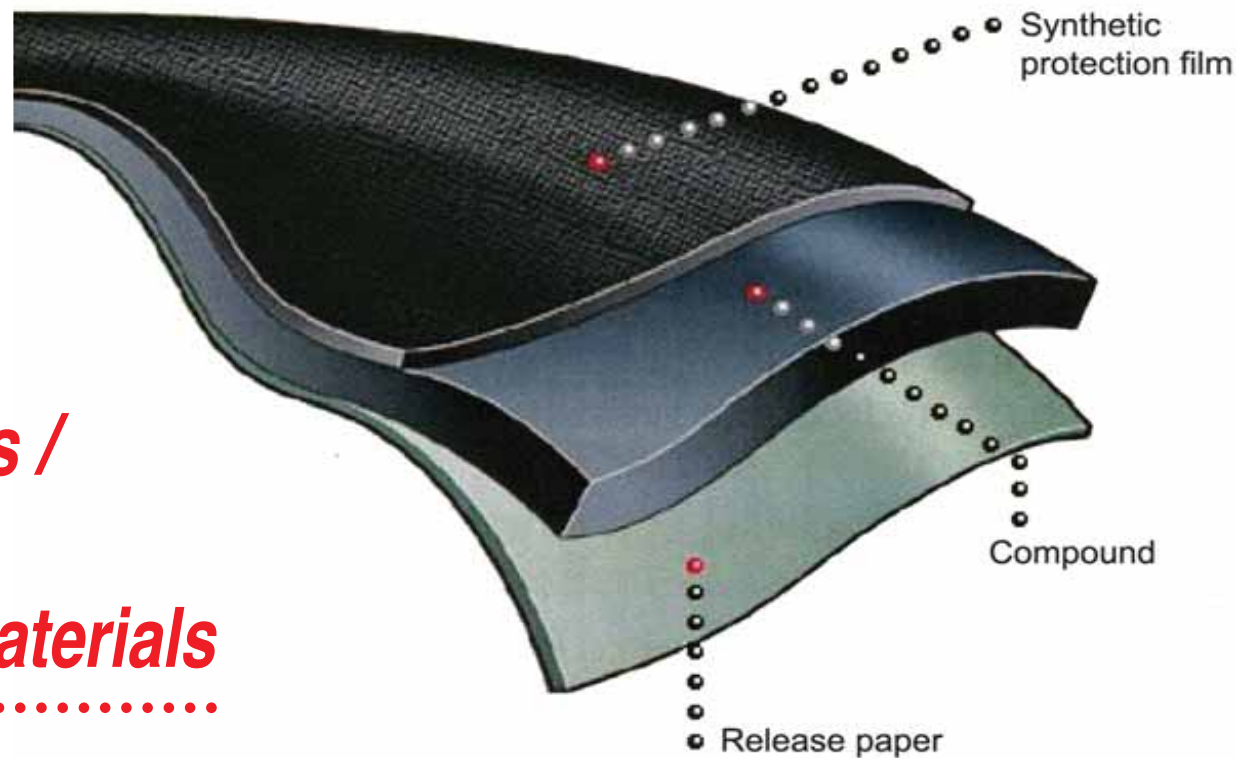


LEYCO-FLEX waterproofing

Torch-on, Self Adhesive, Bituminous / Asphalt Waterproofing Membranes Protected with Films or Synthetic Materials



LEYCO-FLEX 3
Product-No: 07.020

LEYCO-FLEX 1000
Product-No: 07.021

LEYCO-FLEX FG 50
Product-No: 07.022

LEYCO-FLEX HD
Product-No: 07.023

LEYCO-FLEX 500
Product-No: 07.024

LEYCO-FLEX DS/AL
Aluminium laminated
0,07 mm
Product-No: 07.025

FLEXIBLE AND ADAPTABLE

Flexibility and adaptability are the most important qualities of LEYCO-FLEX WATERPROOFING : thanks to high technological solutions, these membranes can resist elongation and mechanical stresses like no other system or waterproofing material can. In fact, LEYCO-FLEX WATERPROOFING products are based on high-tech films coated on an elastoplastic bituminous compound making the product self adhesive, and permits an effective use as waterproofing, sound and vapour barriers, underlayers, etc.

EASY INSTALLATION

LEYCO-FLEX WATERPROOFING is cold applied without the use of torch or special tools and skills. Thanks to the excellent adhesion of the membranes, a fast and long-lasting waterproofing is obtained on building materials such as : metal, wood, glass, zinc, aluminium, cement or clay tiles, concrete, stone, asbestos cement and a wide variety of plastic products : polyethylene, polypropylene, fiberglass, polycarbonato and some P.V.C. types. The membranes, moreover, can be installed directly on inflammable materials, on insulation panels that are not fire resistant, and in particular environments where the use of naked flames is dangerous

VERSATILE

A great versatility of use is assured by specific factors of LEYCO-FLEX WATERPROOFING: softness, lightness, extensibility and high workability. In those situations where traditional torch-on or fastened systems, extremely dangerous and not very functional, cannot be used, LEYCO-FLEX membranes provide the best results without compromising the quality, the characteristics and the work done. LEYCO-FLEX membranes, effective in all the "traditional" and programmed situations, is also the ideal solution for prompt and urgent repairs, assuring in every case, long lasting results.

INNOVATIVE

The innovation is the feature that distinguishes LEYCO-FLEX WATERPROOFING membrane from the traditional torch-on or fastened systems.

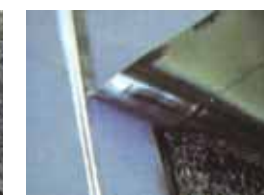
- The absolute waterproofing resists high hydrostatic pressure.
- Being cold applied and installed without the use of naked flames, they offer a higher safety level on the job.
- If being installed using nails or other fasteners, or even if cut accidentally, the membrane self seals on contact.
- The constant thickness of LEYCO-FLEX WATERPROOFING is assured by high- tech, automatic and modern machinery.
- The chemical resistance allows LEYCO-FLEX membranes to be highly resistant to acids, alkalis or other pollutants.

CONTROLL QUALITY

The quality control is another important element of LEYCO-FLEX products: each stage of production, packaging, the customization, storage and the transportation, are subject to a strict and constant control, in accordance to the highest quality standards and control methods.

Self adhesive, bituminous waterproofing membranes, used all over the world in extreme climatic conditions, these membranes have become available, safe and irreplaceable waterproofing system for 25 years. The membranes are in full accordance with specifications for tenders and turnkey packages, where products are subject to extremely severe control procedures aimed at assessing their compatibility in the most difficult conditions. LEYCO-FLEX membranes enhance at the maximum level these characteristics, providing two additional unique features: innovation and controlled quality.

That's why LEYCO-FLEX WATERPROOFING, just like all the products guaranteed by LEYCOCHEM, has matched the requirements set by the most renown brands in the industry.



Ecological



All weather



Anti-tearing



Insulation



Cold applied



Resistant



Easy application



LEYCO-FLEX 3

SELF ADHESIVE, BITUMINOUS/ASPALT WATERPROOFING MEMBRANES PROTECTED WITH SYNTHETIC FILMS

DESCRIPTION

LEYCO-FLEX 3 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 3 Waterproofing membranes are cold applied, without the use of naked flames or hot air.

LEYCO-FLEX 3 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

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 ² /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 1 hr

LEYCO-FLEX DS/AL

SELF ADHESIVE, WATERPROOFING MEMBRANE WITH REINFORCED ALUMINIUM FILM.

GENERAL

LEYCO-FLEX DS/AL is a self adhesive waterproofing membrane comprising a rubber/bitumen compound with a reinforced aluminium film.

LEYCO-FLEX DS/AL is used as a vapour barrier resistant to foot traffic.

CHARACTERISTICS

Total vapour barrier
Waterproofing
Puncture resistant
Sites traffic resistant
Cold applied

DESCRIPTION

- 1.Reinforced anti-slip aluminium film
- 2.Rubber/Bitumen compound
- 3.Silicone release paper

DIMENSIONS

The membrane is provided in rolls of different thickness and lengths.

Thickness 1,2 mm: rolls h. 1X25 Mt.
Thickness 1,5 mm: rolls h. 1X20 Mt.

TECHNICAL DATA

Thickness reinforced film:	0.07 mm
Total thickness:	1.2-1.5 mm
Tensile Strength:	Long. 292 N/50mm (ASTM D638) Trans 321 N/50mm (ASTM D638)
Elongation:	Long. 43%(ASTM D638) Trans 23%(ASTM D638)
Puncture Resistance:	71.4 N (ASTM E154)
Adhesion on primed concrete:	5.8 N/mm
Cold Flexibility:	> -40°C

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LEYCO-FLEX

TORCH -ON, SELF ADHESIVE, BITUMINOUS / ASPALT, WATERPROOFING MEMBRANES PROTECTED WITH FILMS OR SYNTHETIC MATERIALS

LEYCO-FLEX

LeycoChem LEYDE

Torch-on, Self-Adhesives, Waterproofing Membranes