

# LEYCO®-FLEX

## UV-RESISTANT, SELF-ADHERING WATERPROOFING ROLL-TYPE MEMBRANE, RESISTANT TO JET FUEL FUMES

### Product Description

LEYCO®-FLEX Waterproofing System is a flexible, versatile, dependable, roll-type waterproofing membrane. It is composed of a nominally 1,00 mm thick layer of polymeric waterproofing membrane on a heavy-duty, 0,14 thick, 4-fold cross-laminated polyethylene carrier film. The two components are laminated together under strict quality-controlled, production procedures. A handy overlap guideline is printed 100mm in from the material edge on each side to assure proper overlap coverage and assist in maintaining a straight application. Special, exposed polymeric membrane strips are provided on both sides for positive membrane-to-membrane adhesion in the overlap area. The membrane strips are protected by a pull-off release strip. All components of the LEYCO®-FLEX Waterproofing System including the LEYCO®-TEKT 1 Primer, LEYCO®-TEKT 3 mastic, LEYCO®-FLEX Detail Strips and LEYCO®-FLEX Membrane work together to provide a cost-effective, positive waterproofing system that's quick and easy-to-apply. Standard: DIN 18195-5

### Uses

LEYCO®-FLEX Waterproofing System provides a cost-effective answer to properly waterproof of roofs also when exposed to aggressive environment and pollution such as jet fuel fumes, foundation, vertical walls and below grade floors in residential and commercial construction. It is equally effective for use as a between-the-slab waterproofing on plaza decks, parking decks and structural slabs. Use it as a waterproofing membrane to isolate mechanical and electronic rooms, laboratories, kitchens and bathrooms. LEYCO®-FLEX offers positive protection when "wrapped around" major rapid transit, vehicular, utility and pedestrian tunnel projects and airports.

Installation of LEYCO®-FLEX Protection Course is recommended before backfilling. It can also be used with drainage boards when specified.

### Advantages

Provides cost effective "peel and stick" protection for roofs, balconies and structures from moisture migration. LEYCO®-FLEX Waterproofing System is a roll-type membrane designed to provide cost-effective, quick and easy-to-apply waterproofing protection against damaging moisture migration and the infiltration of free water.

- Provides a cost-effective, flexible, versatile, dependable, positive waterproofing protection against damaging moisture migration and the infiltration of free water.
- Offers a quick and easy-to-apply system for maximum productivity.
- Special membrane-to-membrane adhesion provides additional overlap security meets or exceeds the test requirements of all currently applicable specifications.
- Components work together for positive waterproofing protection.
- Handles with ease on the jobsite
- Very good resistant to UV-radiation, pollution of aggressive environments and jet fuel fumes.

### LEYCOCHEM-IRAQ Baghdad

Tel.: 0750-4344200, Tel.:0770-8748222, Tel.:0781-3802151

Email: sales.leycochem.iraq@leyde.com

Email: admin.leycochem.iraq@leyde.com

[www.leyde.com](http://www.leyde.com)

### LeycoChem LEYDE GmbH Germany

Industriestrasse 155

P.O. Box 501627

D-50999 Köln/Cologne

Tel.:+49(0)2236-96600-0

Fax:+49(0)2236-96600-10

Email: [leycochem@leyde.com](mailto:leycochem@leyde.com)

**Product Data Sheet**

Product No: 07.004

**Technical Data**

**General Information**

Lengths: 20m

Width: 1 m

Puncture resistance: 88 N, ASTM 184

Resistance to fire: class B2, DIN 4102

**Appearance/Colour**

Colour: dark grey

Polymeric membrane: black

**Temperature**

Resistancy to temp: -30 °C bis 90 °C

**Characteristics**

Water vapour transmission: 0,32g/m<sup>2</sup>/24 hours

Water absorbtion 0,1% 72 hours max. ASTM D570

Resistance to pressure water: 6 bar (6 kg/cm<sup>2</sup> / 24hrs)

**Chemical Basis**

Solvents: nil

**Tensile strength**

Carrier film: 125% ASTM D412

Polymeric membrane: 455% ASTM D412

**Note**

Exposion to fungi: pass, 16 weeks

**Storage/ Shelf life**

Up-right position in original boxes at temperature of 25 °C

**Application**

Prior to application prime all surfaces to be covered in one working day with LEYCO®-TEKT1 Primer uncovered surfaces must be reprimed next day.

**Method of application**

**Horizontal wall application:** Position the LEYCO®-FLEX membrane from low to high point so all laps will shed water. Stagger and laps and overlap all seams at least 10 cm. Apply a double thickness of LEYCO®-FLEX over construction contral and expansion joints and over cracks greater than 1,6 mm.

**Vertical wall application:** Apply LEYCO®-FLEX membrane vertically in lenght approximately 2,50 m long over the top of the horizontal detailstrips. Overlap all seams at least 10 cm. Tightly butt edges of membrane and apply Cerotekt 3 pointig mastic in corner applications. Once positioned, immedeatly hand-rub LEYCO®-FLEX firmly to the surface and then pressure-roll the complete surface to assure positive adhesion.

**Drains and protrusions:** All protrusions should be sealed with to layers of LEYCO®-FLEX at least 150 mm in all directions.

**Important Note**

20 years insurance bond issued by UAP Italiana policy No. 101261 (insured isoltema)

**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 the use 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