

COLPHENE 1500

Description

Self-adhesive membrane composed of a root-resistant cross-laminated polyethylene reinforcement at the bottom finished with elastomer bitumen.

Is mainly used as a waterproofing layer for underground structures (foundations, basements, ...).

The upper side is the root-resistant cross-laminated polyethylene film.

The self-adhesive lower surface is protected by a silicone release film.

Composition

Reinforcement/ finish upper side	cross-laminated polyethylene
Finish lower side	silicone release film
Coating mass	self-adhesive elastomer modified bitumen

Packing

Dimensions of the roll (m)	10 x 1 / 20 x 1
Mass/roll (kg)	14 / 28
Rolls/pallet	25 / 16

Pallets may not be placed on to each other during storage and rolls need to be stacked so they won't bend. Direct sunlight and temperatures above +30 °C should be avoided at all times.

Characteristics

Membrane thickness (mm) (EN 1849-1)	MDV	1,5
Membrane mass (kg) (EN 1849-1) (indicative)	MDV	1,4
Tensile force L (N/5cm) (EN 12311-1)		≥175
Tensile force T (N/5cm) (EN 12311-1)		≥200
Elongation at maximum tensile force L (%) (EN 12311-1)	MDV	225
Elongation at maximum tensile force T (%) (EN 12311-1)	MDV	190
Dimensional stability (%) (EN 1107-1)	MLV	NPD
Resistance to tearing (nail shank) L (N) (EN 12310-1)		≥55
Resistance to tearing (nail shank) B (N) (EN 12310-1)		≥70
Flexibility at low temperature (°C) (EN 1109)	MLV	-24
Flow resistance at elevated temperature (°C) (EN 1110)	MLV	NPD

MDV = manufacturer declared value / MLV = manufacturer limiting value / NPD = no performance determined

Installation

Self-adhesive with self-adhesive overlaps.

The substrate must be pre-impregnated with ELASTOCOL 503 or ELASTOCOL 600.

In order to obtain a good adhesion, the membrane must be placed at a temperature above +10 °C.

For processing, the rolls must be stored for at least 12 hours at a temperature above +10 °C.

Special indications

Hygiene, Health and Environment

The product does not contain any substance which is likely to be detrimental to your health or to the environment and complies with generally admitted Health and Safety Requirements.

For more information, please refer to the relevant safety data sheet.

Quality-, Environment- and Safety Management

SOPREMA always recognises as a high level of importance the quality of the products, the environment and safety.

For this reason, we operate independently monitored Quality and Environment Assurance Systems in line with

EN ISO 9001 and **EN ISO 14001**.