

TECHNICAL DATA SHEET No. 01/2020 KRONFLEX H DPC 400



Type of product:
Horizontal anti-damp isolation

Identification code of the product-type:
CA 04010

Commercial name:
KRONFLEX H DPC 400

APPLICATION

Designed for horizontal insulation of foundations. It protects building walls against capillary moisture, in other words, it prevents the penetration of moisture from the soil. By cutting off the access of moisture from the outside, the membrane protects the structure of thermal insulation throughout the house. It can also be used as moisture insulation when assembling wooden window joinery and, together with bituminous mass, it works perfectly when combining different insulation systems.

MATERIAL

Low-density polyethylene

PROPERTIES

The membrane features above-average resistance to tearing or abrasion, which in connection with appropriate flexibility ensures quick and trouble-free assembly even in corners and all kinds of bends. The membrane is produced in all dimensions corresponding to standard widths of walls and foundations. It is resistant to chemical agents, fungi and does not decompose.

ASSEMBLY

Horizontal moisture insulation should be laid over the entire width of the foundation footing, with at least 20 cm overlaps. A well-laid membrane does not require gluing at joints as the wall pressure is sufficient to ensure proper insulation due to the vulcanisation of the membrane, but it must be connected tightly with a waterproofing membrane. The horizontal insulation width should be slightly wider than the foundation footing to prevent accidental moisture migration.

STORAGE

The membrane should be stored in original packaging away from UV radiation. Please keep the label because it contains important product information.

PARAMETERS		
Essential characteristic	Declared performance	Harmonized technical specification
Basis weight	370g/m ² ± 20%	PN-EN 1849-2
Straightness	< 75mm/10m	PN-EN 1848-2
Visible defects	No visible defects	PN-EN 1850-2
Thickness	0,402 mm ±20%	PN-EN 1849-2
Tear resistance	120 N / 150 N	PN-EN 12310-1
Static load resistance	20 kg	PN-EN 12730
Water vapour permeability	0,250g/m ² /24h	Lyssy apparatus (temperature: 23°C, humidity: 90-85%)
Watertightness	Watertight at 2 kPa	EN 14909:2012
Resistance to impact	NPD	
Durability: - watertightness after artificial ageing - alkali resistance	Pass Pass	
Resistance to low temperature	-25°C	
Reaction to fire	Class F	
Dangerous substances	NPD	

Supplier: KRONMAT sp. z o.o.
ul. Węgierska 146 c
33-300 Nowy Sącz

The above information was prepared in a good faith, it is precise and consistent with our current knowledge of the subject. The parameters were prepared on the base of the average values checked during our standard production process.