

## TECHNICAL DATA SHEET

# EUROSELF P 20

## Bituminous Self-Adhesive Membrane

### DESCRIPTION

**Euroself P 20** self-adhesive waterproofing membrane consist of a self-adhesive polymer modified bitumen coated on to a tough high density polyethylene film and protected on the other side by release film.

### USES

**Euroself P 20** membranes are generally used as waterproofing or damp proofing membranes intended for concrete protection. It may be used for horizontal or vertical applications and as a damp proof course for tanking below ground structures, subways and retaining walls.

### FEATURES

- Cold applied, self-adhesive and easy to apply
- Excellent adhesion to vertical and horizontal surfaces
- Improved heat resistance
- Excellent resistance to chlorides, sulphates, alkalis and acids
- Excellent tear and tensile strength in both longitudinal and transverse directions
- Water and vapor proof

### APPLICATION INSTRUCTIONS

#### Surface preparation

A smooth, regular and dry surface is always a must for good application. The substrate should be completely free of any protrusions or cavities. The presence of oily substances, frost or other moisture should be completely avoided. Apply **Europrimer**. The primer coat should be touch dry before the application of the membrane.

#### Application

The application temperature should be between 4°C to 45°C. The installation procedures are to be as follows:

1. Unroll only the required length, and cut the piece to the desired shape and size.
2. Place the pieces of membrane on the area to be covered and check whether they match with the profile of the marked substrate.
3. Peel off the release film and carefully place the membrane so as to ensure a minimum of 75mm overlap and then smooth the membrane from the center to the edges in order to drive out entrapped air.
4. Place protection board on top of the membrane soon after the application in order to prevent any damage from exposure to sunlight, backfilling tools and traffic.

## HANDLING

**Euroself P 20** membranes come in rolls of 1m x 15mt with thickness of 2.0 mm. The rolls are packed in loose shrink wrapped to avoid any damage during transit or on site. The membranes can be unloaded by hand or any other convenient means, but ensure the absence of any sharp or protruding edges within close proximity to avoid puncturing the membrane.

## STORAGE

**Euroself P 20** range of membranes must be stored in a shaded area on wooden pallets, neatly covered by any thick fabric and tied securely in a manner that will ensure minimal exposure

## MAINTENANCE

The following maintenance is required for Hoylake membranes: Inspection of all functional roofing elements including skylights, outlets, up stands, penetrations and any other visible roofing components. Clean outlets, drains, gutters and remove any debris from the roof. Periodic removal of mildew, moss, herbs or any other kind of vegetation that has been accumulation on the waterproofing. Periodic removal of possible sediments accumulated on the deck (silt, sledges, slate granules, etc) by occasional water accumulation. Periodic removal of debris and small objects that may have accumulated on the roof. Ensure surrounding structural elements are sound such as eaves, flashings, slate tiles and brickwork. Ensure that the waterproofing is in good condition and there are no blisters, damage or separation. Review the condition of the waterproofing (adherence to up stands, condition of overlaps, visual appearance, etc) and repair the defects observed. These operations must be carried out twice a year, preferably at the beginning of spring or autumn and must be increased in case of decks or valleys with zero falls. It is also necessary to perform additional maintenance depending on the type of roof, location and proximity of roofs to areas with trees or in areas with high levels of pollution.



HOYLAKE

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PARAMETER	UNIT	VALUE	NORM	VALUE	NORM (PBS)
Thickness	Mm	2.00	EN 1849-1		
Width and length	M	1,00/15,00	EN-1849-1		
Tensile Strength (L / T)	N/50mm	≥200/300	EN 12311-1	2.2/2.1	ASTM D412:2006
Elongation (L / T)	%	≥350/350	EN 12311-1	421.3/638.0	
Cold Flexibility	°C	-15	EN 1109		
Resistance to Static Loading	Kg	5	EN 12730		
Resistance to Impact	Mm	400	EN 12691		
Dimensional Stability	%	≤2.5%	EN 1107-1		
Water Vapour Permeability	μ	115 000	EN 1931		
Water Tightness	kPa	60	EN 1928		
Peel -Adhesion Strength	N/m	2.2/2.1		1415.4	ASTM D903:2004
Hydrostatic Pressure	-	No leakage		No leakage	DIN 16726:1986
Puncture Resistance	N			211.0	ASTM E154:200a
Water Absorption, average	%			0.74	ASTM D570:2005
Increase in weight, average	%			0.66	ASTM D570:2005
Soluble Matter Lost, average	%			0.08	ASTM D570:2005
Water Vapour Transmission, Average	g/m <sup>2</sup> . day			1.1	ASTM E96/E96M:2010
Tear Strength	N/mm			10.0/16.1	ASTM D1004:2009
T-Peel Resistance, average	N/cm			8.7	ASTM D:1876:2008

*In accordance to International standard 5 - 20% standard variation is expected*

NOTE: Every reasonable precaution is taken in the manufacture of all HOYLAKE-products to ensure that they comply with HOYLAKE'S high standard of quality. The recommendations and properties of the product are based upon what is believed to be the most reliable information available, and are not intended as recommendations which infringe on other patents. Although all HOYLAKE-products are subject to rigid quality tests, no specific guarantee can be given, because results depend, not only on quality, but also on other factors beyond our control. We welcome therefore consultation in the event of doubt concerning application, or performances, and point out those oral recommendations, which vary from the instructions contained herein, are not binding without written confirmation by HOYLAKE. All transactions shall be subject to our terms and conditions of sale-delivery-and-service. This data sheet supersedes the previous one and a reprint may be issued without notice to supersede this edition, as and when deemed necessary. The information given in this leaflet is to the best of our knowledge true and reliable. Field service where provided does not constitute supervisory responsibility. Our guarantee is therefore limited to the quality of materials delivered