

POLITABER POL PY 30

● PRESENTATION AND USE

Sheet of 1 m x 12 m and 3 kg/m² of bitumen modified with elastomers, with non-woven polyester felt reinforcement, plastic interior finish and plastic exterior.

In new construction or rehabilitation, it is used as:

- sheet in bilayer system under heavy protection; base sheet in bilayer system exposed to the elements; single layer on pitched roof, under tiles; tightness of buried structures or anti-capillary barrier; vapor barrier; sheet in two-layer systems for vehicle traffic, under the wearing course. Sheet mechanically fixed in a two-layer system according to ETE 06/0064 POLITABER-FM BICAPA by ChovA.

● COMPOSITION AND NOMINAL CHARACTERISTICS

Upper face:	Heat sealable film
Blend:	SBS elastomeric bitumen
Reinforcement:	Reinforced polyester felt
Underside:	Heat sealable film
Sheet mass (Kg/m ²):	4,8 kg/m ²
Roll weight (Kg):	38,4 Kg

● MECHANICAL CHARACTERISTICS

External Fire Performance - (EN 13501-5:2002)	B_{ROOF}(t1)
Reaction to fire (EN 13501-1:2002)	Class E
Watertightness (EN 1928:2000)	Pass
Tensile strength - (EN 12311-1:1999) (N/50mm):	700±200 /450±150
Elongation - (EN 12311-1:1999)(%):	45±15 /45±15
Nail tear resistance - (EN 12310-1:1999):	-
Resistance to a static load - (EN 12730:2001) (kg):	≥15
Joint strength (shear) (EN 12317-1:1999) (N/5cm)	450±150
Impact resistance - (EN 12691:2006) (mm):	≥900
Tear resistance (L/T) (EN 12310-1:1999) (N):	220
Durability chemical agents Tightness to 10KPa (Type A) / Tightness to 60KPa (Type T) EN 1847/EN 1928	Pass/Pass
Thermal durability (artificial aging) Tightness to 10KPa (Type A) / Tightness to 60KPa (Type T) EN 1296/EN 1928	Pass/Pass

Pliability at low temperatures (EN 1109:1999) (°C):	≤-15
Hazardous substances:	-
Dimensional stability- (EN 1107-1) (%):	≤0,6
Resistance to creep at high temperatures (EN 1110) (°C):	≥100
Moisture resistance factor (EN 1931) (μ):	20000
Pliability of the mastic at low temperatures (EN 1109:1999) (°C):	≤-20

● STORAGE

- Store upright and away from any heat source.
- Transportation: This material is not classified as hazardous; The safety sheet is not necessary.

● REFERENCE DOCUMENT

This product has Environmental Product Declaration 100.013



● GENERALITIES ABOUT THE SHEET

Generalities:

Place by adhesion using a blowtorch. In “Adhered” or “Non-Adhered” systems.

Use according to DIT 578R/21 *Sistemas de impermeabilización con láminas asfálticas de betún modificado para cubiertas con pendiente cero*, according to DIT 674/23 *Politaber tráfico rodado*, according to DIT 678/23 *Sistemas de impermeabilización y barreras frente al radón para estructuras enterradas*, and according to *Manual of construction systems for waterproofing and thermal insulation*.

Product standards:

CE marking according to standards 13707:2004+A2:2009 / EN 13969:2004 / EN 13969:2004 + A1:2006
Factory production control certificate of conformity number 0099/CPR/A85/0016

COMPLEMENTARY INFORMATION

1/ When two characteristics are indicated, the first refers to the value in the longitudinal direction and the second in the transversal direction.

2/ All average values are calculated respecting the draft European Standard prEN WI 002254041.

3/ The text relating to the use and installation of the product does not prevail over local construction regulations and local standards to be respected. If in doubt, consult the BMI Technical Department.

4/ BMI reserves the right to modify the composition and conditions of implementation, depending on the evolution of knowledge and techniques. This technical sheet cancels and replaces the previous one. Always contact BMI to obtain the latest version.

5/ This technical sheet refers only to the product described here. The different BMI products can constitute a waterproofing system, the characteristics of which are described in the “system sheet”. If in doubt, contact BMI Technical Service.