

CHOVAPLAST COMBI 48/G E4 mm

Polymer-additivated bitumen waterproofing membrane.

Code 14845

PRODUCT DESCRIPTION

CHOVAPLAST COMBI 48/G E3 G4 is a waterproofing sheet of 1 m x 10 m and 4.0 mm thick, made of polymer-additivated bitumen, with reinforced non-woven polyester felt reinforcement, plastic interior finish and GRAY slate granules on the outside.

Dimensions

Width: 1 m

Roll length: 10 m

APPLICATION

- To place by adhesion by means of blowtorch. In "Adhered" systems.
- Recommended for waterproofing roofs with sheets exposed to the elements, according to the regulations of the country of application.
- Not recommended: as a base coat in two-layer systems and as a finishing coat in landscaped roofs.

COMPOSITION AND DIMENSIONAL CHARACTERISTICS

Nominal width (m)	1,00	Upper side:	Colored slate granules.
Nominal roll length (m)	10,00	Binder:	Polymer-additivated bitumen
Surface density (kg/m ²)	4,8	Reinforcement:	nonwoven polyester felt reinforced with fiber glass
Mass per roll (kg)	48,0	Underside:	Heat sealable film

PERFORMANCE

CHARACTERISTIC	TEST METHOD	VALUE	UNIT	TOLERANCE
External fire performance	EN 13501-5 : 2002	B Roof (t1)(*)		Documentation by A. Chova, verified by AENOR
Reaction to fire	EN 13501-1 : 2002	Class E		

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Watertightness	EN 1928 : 2000	Passes		
Tensile strength: -Longitudinal direction -Transverse direction	EN 12311-1 : 1999	600 400	N/5 cm	± 200 ± 150
Elongation in: -Longitudinal direction -Transverse direction	EN 12311-1 : 1999	35 35	%	± 15 ± 15
Resistance to roots (penetration of):	EN 13948 : 2007	PND		
Resistance to static load	EN 12730 : 2001	≥ 15	Kg	-
Impact resistance	EN 12691 : 2006	-		
Resistance to tearing	EN 12310-1 : 1999	-		-
Joint resistance (shear):	EN 12317-1 : 1999	-		
Durability: (Bendability) (Creep resistance)	EN 1296 : 1999 EN 1109 : 1999 EN 1110 : 1999	- -		
Foldability:	EN 1109 : 1999	≤ -10	°C	-
Hazardous substances	-	PND		-

Pass Positive or correct; PND Performance Not Determined; -- Not Required

(*)External fire performance depends on the roofing system installed. Contact BMI's Technical Department for more information on bituminous sheet roofing systems and their respective applicable ratings.

The information provided corresponds to data obtained in our own laboratories. This product will maintain these characteristics as an average. BMI S.A. reserves the right to modify or cancel any parameter without prior notice. BMI, S.A.'s warranty is limited to the quality of the product. As for the installation, in which we do not participate, the requirements for the execution of the waterproofing specified in the applicable standards, both in the composition of the membranes and in the execution of the same, must also be complied with. This technical data sheet will be cancelled by subsequent revisions and, in case of doubt, please request the latest revision.

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OTHER ADDITIONAL CHARACTERISTICS OF CHOVAPLAST COMBI 48/G E3 G4 SHEETING

CHARACTERISTIC	TEST METHOD	VALUE	UNIT	TOLERANCE
Visible defects	EN 1850-1	No visible defects		
Thickness	EN 1849-1	4,0	mm	-5 / +10 %
Mass per unit area:	EN 1849-1	4,8	kg/m ²	-5 / +10 %
Roll dimensions: (Length x Width)	EN 1848-1	10 x 1	m	≥
Area per pallet (20 rolls/pallet)		200	m ²	
Granule loss:	EN 12039	≤ 20	%	-20 / +10 %
Dimensional stability:	EN 1107-1	-	%	

Additional information

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

2/ All average values are calculated in compliance with the draft European Standard prEN WI 002254041.

3/ The text relating to the use and installation of the product does not prevail over local building regulations and local standards to be respected. In case of doubt, please consult BMI's Technical Department.

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

5/ This data sheet refers only to the product described here. The various BMI products may constitute a waterproofing system, the characteristics of which are described in the "system data sheet". In case of doubt, please contact BMI's Technical Service.