TEHNICAL DATA SHEET

WINTERPLATEAU

POLYSTYRENE PROFILES SYSTEM - EPS - COVERED WITH A MORTAR BASED ON ACRILIC RESINS IN WATERY AND SILICA DISPERSION

CHARACTERISATION OF THE PRODUCT / USE

Profiles covered with polystyrene for architectural application in buildings which allows a creative conception of interior and exterior facades and walls .

PROPERTIES

Ornamental profile system with fine sanded coating, with flexibility. This system allows cutting for assembly in loco. To fix, use cement based adhesive, mastic and mechanical fixing.

After application, it acepts perfectly colour paint.

COMPONENTS

1) POLYSTYRENE PROFILES:

Ornamental profile in polystyrene - EPS - cut to hot wire, with drawing according to catalogue WINTERPLATEAU or by measure.

Eps characteristics:

- Designation:
- Expanded polystyrene - eps 150
- Performance:

Characteristics	Performance	Technical specifications
Reaction to fire	E	EN 13163:2012
Thermal conductivity	0,034 W/mºC	
Thermal strength	See table 1 (*page 2)*	
Compressive strength	150 kPa	
Flexural Strength	200 kPa	
Dimensional stability	< = 1,0 %	

2) COATING:

Mortar based on acrilic resin in watery dispersion, selected silica loads and specific additives.

This mortar presents an appropriate rheology for machine application.

Characteristics:

Specific load = 1,75 kg/dm^3

Solid contents = 88%

Ph = 9

Maximum content of VOCs = Ø g/kg (directive 2004/42/CE; DL 181/2006)

Colour: beije

Flashpoint: Non flammable

Consistency: paste

Review date: 25/07/2017

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COMPONENTS

YIELD: 3,5 KG (M^2 X 2MM THICKNESS)

TEMPERATURE FOR APPLICATION: + 5ºC TO 30ºC

RESISTANCE TO MOISTURE: GREAT

RESISTANCE TO AGEING: GREAT

RESISTANCE TO SOLVANTS AND OILS: LOW

RESISTANCE TO ACIDS AND ALKALI: DISCRETE

RESISTANCE TO TEMPERATURE: GREAT

STRENGTH RESISTANCE 0,14 N/MM^2 - COHESIVE RUPTURE BY EPS

APPLICATION: INTERIOR/EXTERIOR

CLEANING: WATER

STORAGE: 1 YEAR IN THE ORIGINAL CLOSED PACKAGING AND IN A DRY PLACE.

3) FINAL FINISHING

USE THE PAINT ***BARBOCRIL PLUS - D*** (100% ACRILIC)

Table 1	
Thickness (mm)	V/C Thermal strength (m^2.ºC/W)
20	0,55
25	0,70
30	0,85
40	1,15
50	1,45
60	1,75

Table 1	
Thickness (mm)	V/C V/C Thermal strength (m^2.ºC/W)
70	2,05
80	2,35
90	2,65
100	2,95
110	3,25
120	3,55

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