

TECHNICAL DATA SHEET
RECESS 3D EPS DECORATIVE WALL PANELS

PRODUCT CHARACTERISTICS

Expanded polystyrene claddings and profiles covered with an acrylic based coating and finished with UV resistant paint and varnish.

GENERAL CHARACTERISTICS

Identified uses _____ Construction and interior/exterior coating
Colour _____ White / Wood, Marble, Stone, Brick design finish
Application ambient temperature _____ + 5 °C to + 35 °C
Service Temperature _____ from -20 ° C to + 70 ° C
Not resistant to _____ Solvents

PHYSICAL CHARACTERISTICS

UV resistance _____ Resistant
UV degradation _____ Non-degrading
Thermal conductivity _____ 0,038 W/mK
Water Transmission Rate (EN 1062-3) _____ 0,03 kg / m²*h
Fire resistance (EN 13501-1+A1) _____ D-s3, d0
Adhesion strength on EPS (EN 13 494) _____ ≥202,9 kPa (rupture in the EPS) at 3 mm thickness and 22 kg/m³
EPS density _____
Impact Strength (EN 13 497) for
3 mm thickness base 10J _____ No damage after impact (laid on EPS layer with density 22kg / m³)
EPS Density _____ 22-30kg/m³
Resistant to _____ Weathering, water, aggressive atmospheres, cracks (15 times more resistant than cement or conventional mineral renders), algae and fungus growth, extremely low and high temperatures

PACKAGING

Durable cardboard box and corner profile to prevent damage
Can be stacked up to 6 boxes