

Jolly Panel 7 + 18

ICF REXwall® system consisting of two permanent formworks in Expanded Polystyrene (EPS). The thickness of the internal panel is 7 cm and the external one, 18 cm. The panels can be easily assembled directly on the construction site using special spacers made of recycled plastic materials or stainless steel, the formworks can be customized accordingly to the structural needs of every specific project. The panels are assembled together in a reversible way, in order to reduce the installation time and the amount of waste created during the process. The spacers are created to strategically optimize the installation and the interlocking of the horizontal reinforcing bars, and to facilitate the subsequent insertion of the vertical reinforcing bars. During the installation process all the spacers are mechanically joined to the EPS panels in order to eliminate the chance that formworks accidentally lift up during the casting process. The internal surface with dovetail vertical sections is created for a perfect settling of the concrete. The external surface has vertical grooves and its particular full-height honeycomb pattern guarantees the adhesion of the plaster layer on its surface. The writing "ICF REXwall®" highlights the 2,5 cm vertical support bar.

CHARACTERISTICS OF THE PRODUCT

RC thickness: 15, 17.5, 20, 22.5, 25 cm.

Possibility to add particular elements to create 90° angles, specific for creating every type of out-of-square angles. Possibility to have horizontal and vertical closings. To be used for the creation of concrete walls with the thermal-insulating layer adhering to the structure itself.

PRODUCT PERFORMANCES

Technical specifications ICF REXwall composed by the internal panel (7 cm) and the external one (18 cm)

Concrete wall thickness	Thermal transmittance (W/m ² K)	Noise reduction (Db)	Thermal lag (h)
15,0 cm	0,136	51	8h 29'
17,5 cm	0,136	53	8h 46'
20,0 cm	0,136	55	9h 05'
22,5 cm	0,136	57	9h 26'
25,0 cm	0,136	59	9h 47'

CERTIFICATIONS

quality management system
with **UNI EN ISO 9001** certification
CE certified EPS



PRODUCT CERTIFICATIONS

Modular formworks for the construction of load-bearing vertical structures in reinforced/weakly reinforced concrete, composed by two high-density Expanded Sintered Polystyrene (EPS) panels, auto-extinguishing in "E" Euroclass. Size of the internal panel: 120x35x7 cm. Size of the external panel: 120x35x18 cm. The formworks are interconnected thanks to spacers made of plastic material. The spacers make possible to create different concrete thicknesses (15/17,5/20/22,5/25cm), with thermal U < 0,234 W/m²K, model ICF REXwall by Rexpol.

