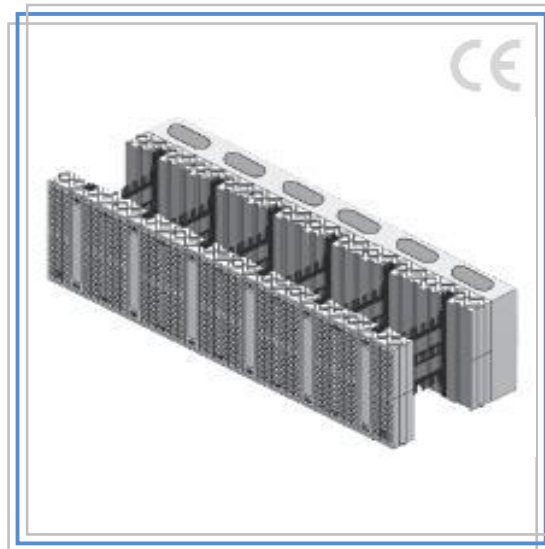


## ICF REXwall – Jolly Panel wind

The ICF REXwall System is characterized by a complete set of modular elements, among which the Jolly Panel and the spacer represent the fundamental parts. The Jolly Panel is a self-extinguishing (E Class) high-density EPS slab. It has 6 multi-section plastic tracks embedded in the insulation material. The useful dimensions of the Jolly Panel are: 120 X 35 X 7/14c. Depending on the specific needs, it's possible to combine the available insulation thicknesses in ten different ways, thus obtaining buildings with high energy efficiency and with no thermal bridges. To further improve the behavior of the ICF REXwall system during summer, it has been introduced in the market – and patented – a new element: the Wind Jolly Panel. The Wind Jolly Panel is the evolution of the traditional Jolly Panel because some cavities have been obtained in the thickness of the external insulation layer, in this way allowing the creation of the first integrated ventilated wall using a formwork system.



### 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, allowing at the same time façade ventilation.



### PRODUCT PERFORMANCES

Formulas for the calculation of the thermal transmittance (K) and of heat resistance (R) are:

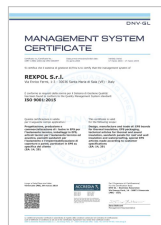
$$K \text{ (W/m}^2 \text{ K)} = \lambda \text{ (W/m K)} / \text{thickness (m)}$$

$$R \text{ (m}^2 \text{ K/W)} = \text{thickness (m)} / \lambda \text{ (W/m K)}$$

Declared thermal conductivity (UNI EN 13163:2003)  
 EPS 150  $\lambda = 0,033$

### CERTIFICATIONS

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



### SPECIFICATIONS

High-density, Expanded Sintered Polystyrene (EPS) panels, auto-extinguishing in "E" Euroclass  
 Size: 120x35x7/14 cm with vertical perforation for ventilation. In the internal side there are 6 ABS tracks in which to accommodate the spacers, with thermal conductivity  $\lambda = 0,033 \text{ W/mK}$ , model ICF REXwall by Rexpol.



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