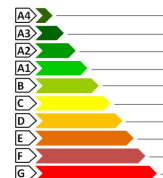




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According to the functional responsibility, **EDILTEC S.R.L. CERTIFIES** that **ALGOCEM**:

- ✓ Is carefully and frequently monitored in relation to both qualitative, physical, mechanical and dimensional parameters, in order to respect our internal specifications and the values declared in our literature.
- ✓ That, as a company that maintains a quality system certified according to UNI EN ISO 9001:2008, ALGOCEM (X-FOAM[®] extruded Polystyrene sandwich panel finished with a cement-reinforced mortar coating and a fibreglass net), has the following performance characteristics:
 - Thickness of cement mortar coating: **1/1,5 mm**
 - Declared thermal resistance at 10 °C of the thermal insulation X-FOAM[®], according with the European Standard EN 13164:2012+A1:2015:

Thickness (mm)	4	6	10	20	30	40	50	60	80	100	120
R _D (m ² K/W)	0,10	0,15	0,30	0,60	0,90	1,20	1,45	1,75	2,25	2,85	3,30

- Compressive strength at 10% of deformation of thermal insulation X-FOAM[®], according with the European Standard EN 13164:2012+A1:2015: **≥ 200 kPa**
 - Water vapour diffusion resistance factor (μ) of thermal insulation X-FOAM[®], according with the European Standard EN 13164:2012+A1:2015: **80**
 - Reaction to fire of thermal insulation X-FOAM[®], according with the European Standard EN 13501-1: **Euroclass E**
- ✓ After realizing the appropriate thermal calculations, considering the materials that compose the panel, it's estimated that the Total Thermal Resistance values of ALGOCEM panel are the same as those of X-FOAM[®].

Modena, 28 May 2018

EDILTEC S.r.l.

This certificate has been revised on 28/05/2018 and remains valid until the technical reference standard or the production conditions in the factory or the production control itself are significantly modify.