

# INNOVA-T CONSTRUCTION SHEET



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## 1. DATA AND DOCUMENTATION

Code	Description	Dimensions (mm)	Colour	Weight	Pkg / Pallet
INS07-70000	Innova-T construction slab	2,000 x 1,200 x 12.5	Grey	10.875 kg/m <sup>2</sup>	120 m <sup>2</sup> /50 slabs

### MATERIAL

Made of fibre-reinforced lightweight concrete with one side coated with Velovetro and one side roughened. Stabilised to avoid shaving joints.

Mass density	870 kg/m <sup>3</sup> ± 15 %.
Weight	10.80 Kg/m <sup>2</sup> ± 15
Thicknesses	12.5 mm ± 1.2 mm
Length	2,000 mm ± 5 mm
Width	1,200 mm ± 3.6 mm
Reaction to fire	Class A1 EN 13501-1:2007
Exposure T-20°C	Class D EN 13964:2014
Exposure T 20°C R.H. 60%	Class D EN 13964:2014
Exposure T 40°C R.H. 95%.	Class D EN 13964:2014
H <sub>2</sub> O absorption capacity	< a 20% by
weight Flexural strength MoR (under wet conditions)	240 MPa
Modulus of elasticity MoE (wet condition)	1043 MPa
Full slab bending radius	2,0 m
Thermal conductivity at 10°C	0.20 W/m °K
Thermal conductivity at 20°C	0.20 W/m °K

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## 2. DECLARATION OF PERFORMANCE

Essential features	Performance	Harmonised technical specification	Certificate No.	date
Reaction to fire	A1	EN 13501-1:2007	CSI 0041/DC/AEF/19_3 rev. 1	26.11.2019
Exposure T-20°C	Class D	EN 13694:2014	CSI 1147/DC/REA/19_4 rev. 1	15.11.2019
Exposure T 20°C R.H. 60%	Class D	EN 13964:2014	CSI 1147/DC/REA/19_6	18.11.2019
Exposure T 40°C R.H. 95%	Class D	EN 13964:2014	CSI 1147/DC/REA/19_7	18.11.2019

## 3. INSTALLATION TIPS Fields of application

The INNOVA-T sheet is the ideal solution for partition walls, counter walls, dry screeds, soffits and false ceilings in wet or dry areas, and for energy rehabilitation. It can be applied to both timber and steel structures, and also provides an excellent support for the application of tiles or bricks of various types.

The plate has two different sides:

Smooth side (glazing-coated): This is the side where grouting is only to be carried out between the joints, between one pane and the next, or painting directly onto the pane itself. It is recommended that this side be cut and when the sheet is applied externally, it should face inwards.

Rough side: this is the side where the adhesive or direct skimming is applied directly and for this reason it is the side, when applied outdoors, that faces outwards.

## 4. SPECIFICATION ITEM

Entry	Description	U.M.	Price
Dak.B.INS04.	<p>Installation and laying of Innova-T, fibre-reinforced lightweight concrete slab with one side coated with Velovetro and one side roughened. Extremely light, highly insulating, water resistant, it can be used for internal or external applications, does not rot, deform, flake or disintegrate.</p> <p>INNOVA-T offers an outstanding prefinished surface finish. Stabilised to avoid shaving joints.</p> <p>Used for the realisation of:</p> <ul style="list-style-type: none"> <li>walls, counterwalls and false ceilings outdoors;</li> <li>supports for the building's insulation;</li> <li>cladding of pillars and architectural elements exposed to weathering;</li> <li>fire protection coatings.</li> </ul>	m <sup>2</sup>	-