

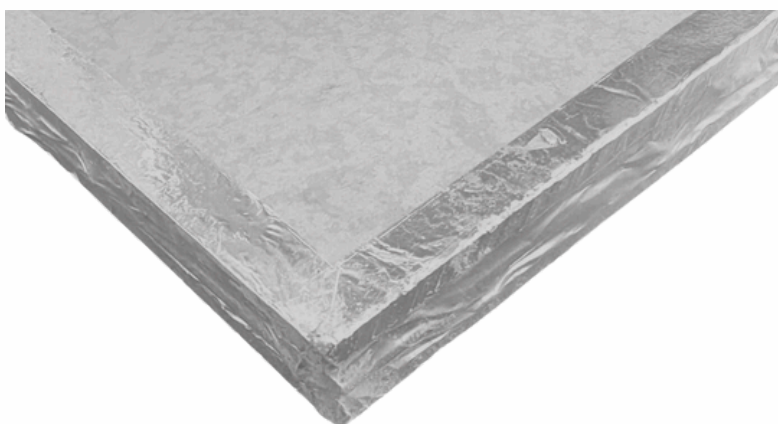
ISOLCORE[®]

The thinnest and most efficient insulation in the world

Technical data sheet **CZ PROTECT**

VACUUM PANEL IN FIBERGLASS (CZ) COUPLED WITH
TWO LAYERS OF 3 MM FIBER CEMENT

PRODUCT FEATURES



Recyclable



Non-hazardous waste

DESCRIPTION

CZ Protect is a technologically advanced, high-performance thermal insulation material, vacuum-sealed and laminated with two 3 mm fibre-cement boards.

APPLICATIONS

It can be used for thermal insulation of floors, walls and slabs, both internal and external, with the advantage of being directly bonded and skim-coated onto the substrate. The two protective layers make the panel more impact-resistant and reduce the risk of puncturing the vacuum insulation core. It is also particularly suitable for floor applications, as it almost completely minimizes damage caused by foot traffic during the installation phase.

DIMENSIONS

1000x600 / 600x500

600x100 / 200x100 mm

Others available on request

PANEL THICKNESS

16-21-26-31-36 mm

Others available on request

LABORATORY INSIGHT

DESCRIPTION	U.M. 3	VALUE
Bulk density	kg/m	450/550 +/-10%
Mean thermal conductivity λ_m UNI EN 12667	W/mK	0,003
Specific heat capacity	J/kgK	1.000
Panel thickness	mm	16-21-26-31-36
Dimensions	mm	1000x600 / 600x500 600x100 / 200x100
Service temperature	°C	-70 / +80
Reaction to fire	-	A1-S1-d0
Compressive strength	kPa	183
Water vapour diffusion resistance	μ	>10.000
Declared thermal conductivity λ_D UNI EN 12667	W/mK	0,004
Length / width / thickness tolerances	mm	+1 / -2

RESTRICTIONS

The panel casing must not be damaged by cuts, sharp objects, improper handling on site, transport, or excessive weight load, as this could compromise the product's characteristics.

Caution: Read the installation manual and technical dossier before proceeding with the installation.

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Contacts

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