



**Permacem is a highly durable board suitable for both exterior and interior applications. It is manufactured from a mixture of cellulose fibres, cement and granulated quartz which are formed into sheets.**

Permacem is a versatile product which is incombustible with a Class A1 fire rating, is weather resistant and can be used in a variety of situations from rain screen cladding to modular buildings. It is an environmentally friendly board being 100% recyclable and does not give off any harmful gases.

#### **Applications:**

Permacem has a range of excellent properties and is suitable for many applications such as tile backer board, SIP Panels, lightweight steel frame systems, and interior and exterior cladding including floor underlay, ceilings and soffits. It can be used as an alternative to gypsum boards, plywood, chipboard, OSB and magnesium oxide boards.



**Fire Resistant** - Class A1 incombustible building material.



**Water resistant & Weatherproof** not affected when in contact with moisture.



**100% Recyclable** environmentally friendly natural materials.



**Highly Durable** suitable for internal & external applications.



**Heavy Duty** extremely durable, resistant to blows & impacts.



**Freeze resistant** reliable even in the coldest climates.



**Corrosive free** long lasting does not require special maintenance.



**Odourless**, no gas emissions that are hazardous to health or the environment.



**Pest Resistant**



**UV Resistant**



Standard Dimensions	2400 x 1200 mm
Thickness	12 mm
Length / Width Tolerance	± 5 mm / ± 3,75 mm
Surface Appearance	Plain
Density	~ 1350±50 kg/m <sup>3</sup>
Freeze-Resistance	Freeze Resistant in accordance with TS EN 12467
Water Impermeability	Impermeable to water in accordance with TS EN 12467
Flame Resistance	Incombustible, A1 class building material according to EN 13501-1
Emission of Other Hazardous Substances	No emission of hazardous substances or gases
Thermal Conductivity	$\lambda = 0,20 \text{ W/mK}$

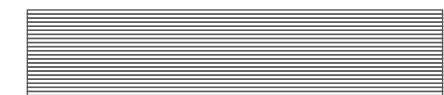
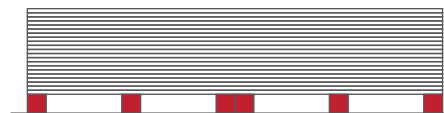
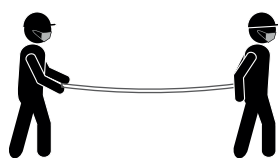
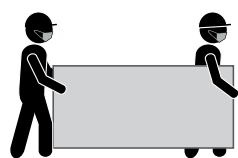
## Handling and Storage:

Permacem is delivered on a pallet, with both edges and corners protected.

Permacem should be stored flat on a suitable pallet with supports at 800mm centres.

Boards should be carried vertically to prevent stress and/or damage to the boards.

Permacem should never be stored upright or on its edge.



Permacem must be lifted by two people and not dragged across each other to prevent scratching. Don't grab the boards by the corners and don't rest them on their edge or corners. Boards should be carried vertically.

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