

SuperPan® Tech Vapourstop EZ

Technical data sheet

Visit our website and
consult the technical
data sheets of our
products



Wooden Construction and Sustainability

It contributes to the circular economy, and promotes sustainable forest management while ensuring socio-economic development in rural communities.

Aligned with the European Union efforts to reduce harmful man-made contaminants and emissions.

It has the following benefits:

- Captures and stores CO₂
- Low thermal conductivity
- Very low formaldehyde emissions

Finsa Tech

SuperPan® Tech Vapourstop EZ

Air-tight structural fibreboard
with vapour barrier



Finsa

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Innovation and technology

SuperPan® is an innovative board with an exceptional composition that is different from other conventional boards on the market.

A new generation of engineered wood manufactured by Finsa using a continuous pressing process.

Chipboard core

Layer of wood particles bonded with high moisture resistant glues, allowing use in humid environments, up to service class 2.

Wood fibre

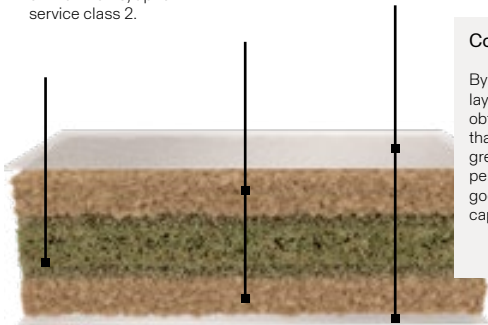
Layer of wood fibre that provides excellent airtightness.

Membrane

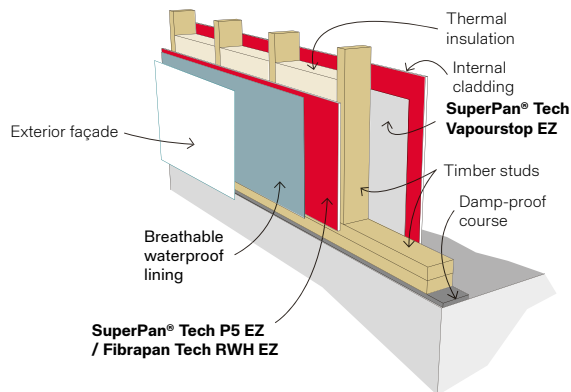
Special film placed on the outer layers gives it the characteristics of resistance to water vapour diffusion.

Composition











By pressing the layers together, we obtain synergies that give the product great stability, high performance and good structural capacity.



Installation of SuperPan® Tech Vapourstop EZ in timber frame exterior wall



Advantages

-  High resistance to water vapour
-  High airtightness
-  Structural component
-  Good fixation
-  Omnidirectional resistance
-  Humidity resistant
-  Resistance to Xylophagous attack
-  Reduced risk of breakage
-  Reduced installation time
-  Low in VOC and formaldehyde emissions



Resistance to water vapour diffusion

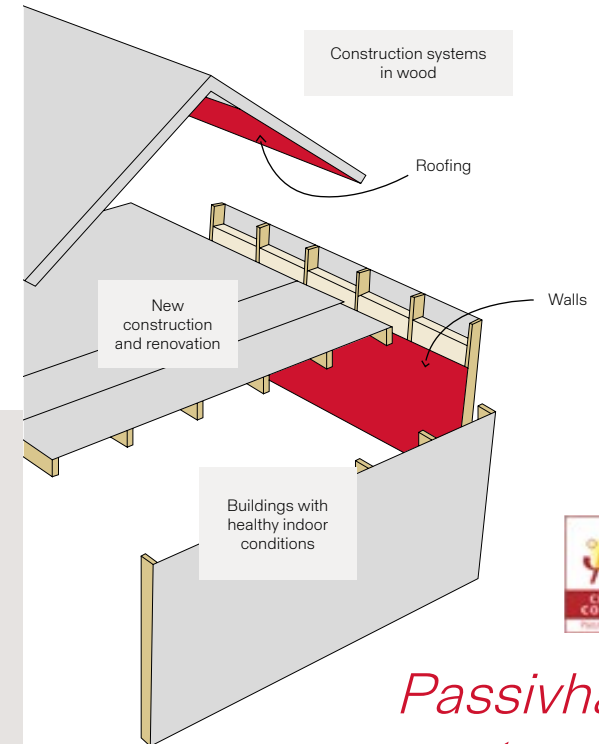
When using the SuperPan® Vapourstop EZ board as a construction board in timber frames, it is important to know the water vapour diffusion resistance for the calculation of condensation.

After testing in accordance with DIN EN ISO 12572 by the MPA Eberswalbe Institute, we can certify the following values:

μ (Water vapour diffusion resistance factor)	
Dry cup	Wet cup
1150	240

Flexibility and versatility of application

SuperPan® Vapourstop EZ is an ideal solution for use inside the building as a vapour barrier, as it offers the advantage of having both the structural function and the air and vapour barrier function incorporated into the board itself.



Passivhaus construction

Highly recommended, forming part of an enclosure (interior face) in a building constructed under the *Passivhaus* standard, due to its properties as an air barrier, since it is a material with *Passivhaus* component certification for airtightness.