

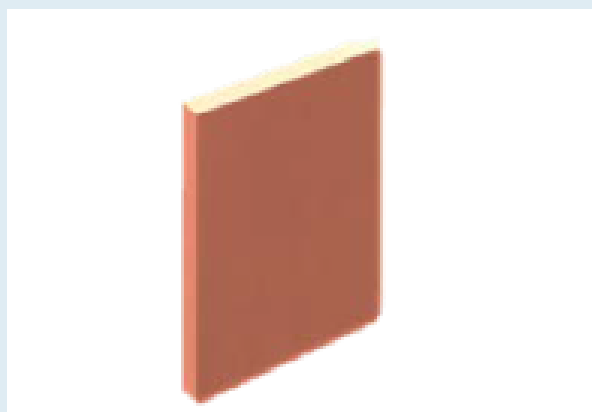
Product Data Sheet

Knauf Windliner

December 2012

Description

Knauf Windliner is a 12.5mm paper faced gypsum plasterboards designed as a wind protection for the outer face of either the Knauf ThermaFrame stud; or the Knauf Solid SFS stud. It has a fire and moisture resistant core; and is faced with treated paper to reduce moisture ingress. Knauf Windliner may be exposed to external elements during construction but it is not designed to act as long term weather protection, and must be covered by a closed rainscreen / render carrier system.



EN Compliance

Knauf Windliner is manufactured in accordance with BS EN 52:2005, within production plants covered by ISO 9001:2000 and ISO 14001:2004. Knauf Windliner has been given the BS EN 520:2005 designation of Type E,F,H1.

Knauf Windliner is produced within sites which are certified to ISO 14001:2004 and ISO 9001:2000. Our FGD gypsum raw material is responsibly sourced from power stations which are required to have Environmental Management Systems compliant to, or surpassing, ISO 14001:2004.

Reaction to Fire

Knauf Windliner has been classified under Annex B of BS EN 520:205 (classification without further testing) to have a reaction to fire class of A2-s1, d0.

Board Dimensions

Thickness: 12.5mm
Size: 1200 x 2400mm

Thermal

The thermal conductivity of Knauf Windliner is 0.24W/mK.

Environmental

Knauf Windliner has an average recycled content of 87%, as calculated and published in the WRAP 'Rule of Thumb' Guide (based on ISO14021). This can contribute to systems listed as A and A+.

Handling and Storage

Knauf Windliner is supplied shrink wrapped on timber bearers. Packs should be lifted with a fork lift truck, the forks being set so there is an even weight distribution and no deformation of the pack. Ensure handling equipment is of adequate capacity and that the personnel are advised of handling procedures and safety clothing. Carry the boards on the edge, two persons per board by supporting one long edge and gripping upper edge to avoid breaking due to flexing. Knauf Windliner must be stored flat in a clean dry environment on a flat surface. If timber bearers are used to store boards on site, they should be a minimum of 40mm wide and placed at a maximum of 450mm centres.

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