



TEKWARM

OVERLAY BOARD

For our range of underfloor heating boards.

DESCRIPTION

Tekwarm Overlay MR-MDF Board is designed to be used as an overlay board, for our range of underfloor heating boards for use with most types of flooring finishes. This includes carpets, vinyls, laminates, and solid wood block flooring. When tiling is to be applied, follow the tile manufacturer's instructions generally using an S1 Tile adhesive and a decoupling membrane in conjunction with the overlay board.

Tekwarm Overlay MR-MDF is manufactured from T & G moisture resistant MDF. It is identified as MR grade by its green tint core appearance.

Tekwarm Overlay MR-MDF boards are overall sized 1200mm x 600mm x 9mm including tongue and grooves which are on all edges for ease of fitting.

Call our technical team for separate data sheets for all our range of underfloor heating panels or to discuss your technical and site requirements.

SUMMARY

Tekwarm MR-MDF overlay board is used over our range of UFH panels. It is suitable for interior humid conditions and is manufactured in accordance with EN 622-5.

Internal bond to BS-EN 319 = 0.90 N/mm²

Modulus of rupture to BS-EN310 = 45.00 N/mm²

Modulus of elasticity to BS-EN 310 = 4,500 N/mm²

Moisture content to BS-EN 322 = 5% to 9%

Thickness Tolerance to BS-EN 324-1 = +/-0.15mm

Length/width Sizes nominal as cut /T & G edged

Boards should be fitted in a brick bond pattern at 90-degree orientation to the direction of the UFH boards with no linear joints matching the joints below. Tekwarm Overlay MR-MDF boards are not considered as a structural board. See Tekwarm Structural Board datasheet.

All T&G joints should be glued with a proprietary wood adhesive.

Tekwarm Overlay boards should be mechanically fixed drilled and countersunk at maximum 300mm centres utilising suitable screws.

Care must be taken to ensure that no heating pipes are pierced during this process and screws should not be inserted within 50mm of any pipe run.

Where tiles are being laid they must be fixed as per the tile manufacturer's instructions using a suitable flexible adhesive and decoupling membrane over the Overlay board.

DISCLAIMER

Whilst the information provided in this datasheet is true and accurate to the best of our knowledge, it may contain information which is unsuitable under certain circumstances since materials, site conditions and method of application vary with each application.

Tekwarm cannot be held be responsible for any loss or damage due to incorrect use or from the possibility of variations in working conditions and/or workmanship beyond our control. The user alone is responsible for any consequences deriving from the product.