

## Specification: Substrate for Parquet and engineered timber flooring on either a concrete or timber floor

**Product Ref:** Marmox Multiboard / Marmox SoundBoard

**Product Use:** Intermediate thermally insulating substrate to natural wood/parquet flooring.

**Manufacturer:** Marmox Ltd

**Address:** Marmox UK Ltd, Caxton House, 101 Hopewell Drive, Chatham, Kent ME5 7NP.  
01634 835290; Email: [sales@marmox.co.uk](mailto:sales@marmox.co.uk); <http://www.marmox.co.uk/>.

**Description:** Extruded polystyrene covered on both sides with fibreglass mesh encased in a c.0.75mm layer of polymer modified concrete which permanently bonds the mesh to the polystyrene.  
(*Soundboard has an additional 2mm layer of SBR rubber on one face*)

<b>Dimensions</b>	<b>Multiboard:</b> Width = 600mm, Length = 1250mm, Thickness = 4/6/10/12.5/20/30/40/50/60mm
	<b>Soundboard:</b> Width = 600mm, Length = 1250mm, Thickness = 8/12mm

**Properties:** Resistant to external environment and temperatures.  
Low thermal conductivity (0.034W/mK) unaffected by moisture.  
Does not expand or contract as temperature and humidity alters.  
Absorbs lateral movement in the sub-floor to reduce the risk of cracking in the tiled surface.  
Completely impermeable to water.  
*SoundBoard only: Impact Sound reduction commensurate with rubber*

**CE+UK Marking:** EN13164 – T1 – CS(10\Y)400 – CC(2/1/10)115 – WL(T)3

**Fixing Method:** Marmox Multiboard / SoundBoard is fixed to the concrete or timber using Marmox MSP-360 adhesive.

- Boards are configured in a brick-bond pattern when possible.
- Apply a bead of Marmox MSP-360 to one side of the board around their perimeter and also apply diagonal lines line of the adhesive from each corner to each opposite corner. (*If using Soundboard, apply to the rubber side*)
- **Allow one 300ml tube should for every two boards for this function.**
- Lay and evenly push the Marmox board into position and check the flatness.
- Lay subsequent Marmox boards with a gap of c.2-3mm between each board and a 5mm gap between the boards and the wall.
- Apply a line of Marmox MSP-360 into the gaps between boards and wall which seals the boards together making a waterproof barrier.
- **Allow one 300ml tube for every six boards for this function.**
- Adhered the timber to the top surface of the Marmox Multiboard/SoundBoard using a solvent-free wood adhesive (*for example, Mapei Ultrabond P980*)