BARNVALE
DESIGN AND INNOVATION

TECHNICAL SPECIFICATION

FSC® Hardwood Blocks

Maximum Operating Temperature: 100°C

Crushing Strength: 29-60MPa

Density: 330-670 kg/m³

Suitable for: Various pipework including LTHW & CHW

Pipe Sizes: 12mm o/d & Above

Thickness: 15, 20, 25, 30, 35, 40, 45, 50, 60, 65, 70 & 80mm

Lengths: 80, 100, 150 & 200mm

Supplied with: Class O foil vapour barrier (unless requested otherwise)



The real benefit of using wood blocks is that they are durable and have superior compressive strength when compared to phenolic and mineral wool insulation blocks.

Due to the rigidity of the hardwood material, it can withstand much higher loads/pressures especially during transportation and lifting of MEP modules and are not subjected to deformation compared with the alternatives.

The test results we had carried out at The Sheffield Hallam University, our Hardwood has a thermal conductivity of 0.0977W/mK.

The Forest Stewardship Council® (FSC) is an independent organisation established to promote the responsible management of the world's forests.

The FSC seeks to improve timber management, by certifying forests that are sustainably managed.

The FSC label provides a credible link between responsible production & consumption of forest products. This will enable our clients to make purchasing decisions that benefit people and the environment for generations to come.

Due to our FSC certification, you have peace of mind that the hardwood where required, are from FSC-certified forests. All FSC hardwood supports produced, can be provided with a full traceability chain.



Standard Unfoiled & Foiled



c/w Load Bearing Inserts



Trace Heated



Internally Foiled

Within our in-house manufacturing units, not only have we manufactured standard hardwood blocks for over half a century, but we can also offer hardwood blocks to accommodate thermal expansion requirements, trace heating cables, internal foiling of the block and with load bearing inserts to accommodate larger pipework.

Need assistance or further information, please call us on 020 8591 9588 or email sales@barnvale.co.uk

BARNVALE
MANUFACTURED BLOCK