BARNVALE
DESIGN AND INNOVATION

TECHNICAL SPECIFICATION

Hybrid Blocks

Appearance

Outer Hardwood Casing With Internal Calcium Silicate Lining.



Product

Pipe Supports: 15mm - 600mm nb (Nominal Bore Pipe)
15mm - 159mm cu (Copper Pipe)
15mm - 304mm s/s (Stainless Steel Pipe)

Standard Thicknesses 50/50

50mm, 60mm, 70mm, 80mm, 90mm, 100mm, 120mm, 130mm, 150mm, 160mm, 180mm & 200mm

Standard Lengths

80mm, 100mm or 150mm

Typical Product Performance

Service Temp: Min 0°C Max 950°C

Bulk Density: 245 Kg/m³

Cold Compressive Strength: > 1.5 Nmm²

Linear Shrinkage @ 1000°C - 12h: 1.3%

Thermal Conductivity @ 400°C: 0.075 W/mK

Thermal Conductivity @ 400°C: 0.105 W/mK

Thermal Conductivity @ 600°C: 0.145 W/mK

Thermal Conductivity @ 800°C: 0.175 W/mK

Description

Hybrid blocks assembled and manufactured from resilient and durable materials, Hardwood outer sleeve with a Calcium Silicate lining as a 50/50 split of the total block thickness.

The blocks are thermal efficient on medium and high temperature applications.

Manufactured from non – asbestos materials and can be supplied wrapped with aluminium foil or a sheet metal sleeve.

Product Application

An ideal support block for use on medium and high temperature applications. It is used throughout the Petrochemical, Power Generation, Textile, and Paper industries as well as Hospitals. When used with Slide Guides it is a versatile and sturdy product combining with its resilience and durability.