



High Density Phenolic Blocks

Phenolic Blocks are manufactured from high density phenolic insulation to suit a full range of diameters and thicknesses covering copper, steel and plastic pipes.

Their foil cover provides a vapour barrier, and these blocks will greatly reduce the risk of condensation on cold/chilled water pipe applications, providing continuous insulation and vapour resistance as well as enhancing the thermal insulation performance of the system.

Manufactured from High Density Phenolic Foam the blocks have a temperature resistance of -50C to 110C.

TECHNICAL INFORMATION

Pipe Size OD	Support Length	Metal Spreader Plate	Max Support Centres	Density (kg/m ³)
15-42mm	100mm	None	3m	60
48-67mm	100mm	1mm	4m	60
76-159mm	100mm	1mm	4m	80
168-273mm	125mm	1.5mm	6m	120
298-457mm	150mm	2mm	6m	120
Please contact us for non-standard applications, such as larger diameters.				

BENEFITS

- ✓ High Density phenolic complies with the requirements of product standard EN14314.
- ✓ A half metal sleeve is applied as standard from 48mm diameter.
- ✓ Complies with the requirements of product standard EN14314.

Heavy Density Phenolic	Technical Data		
Density	60kg/m ³	80kg/m ³	120kg/m ³
Colour	Grey	Grey	Grey
Thermal Conductivity Aged	0.031W/mK	0.034W/mK	0.045W/mK
Temperature Range	-50C to 110C		
Compressive Strength (Parallel to Rise)	>150kpa	>470kpa	>1000kpa
Tensile Strength (Parallel to Rise)	>150kpa	>520kpa	>800kpa
Fire Test Classification	BLS1do		

Technical data supplied by the manufacturer.

Remark: This technical data sheet replaces all previous versions. The technical data contained herein is given in good faith and we cannot be held liable for any errors, inaccuracies, omissions or editorial failings. The information detailed in this technical data sheet is given by way of indication and is not exhaustive, users should contact either the seller or the manufacturer of the product for additional technical information concerning its use, if they think the information in their possession needs to be clarified in any way. Any illustrations shown are indicative only, and dimensions may differ slightly from batch to batch.

1. Unique identification code of the product type	TORQX HD
2. Type, batch or serial number	Phenolic HD pipe section/pipe supports with factory applied aluminium foil vapour barrier and bore coating
3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification as foreseen by the manufacturer:	Thermal insulation products for building equipment and industrial installations
4. Name and contact address of the manufacturer	MW Insulation Ltd. Unit 2, Guinness Road Trading Estate, Trafford Park, Manchester M17 1SB
5. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V	System 3
6. Name and identification number of notified body	Warrington Fire 0833, FIW München 0751 Warrington Fire Gent NB1173, Efectis - Nederland NB 1234

7. Essential characteristic -(EN14314-ZA1)		Symbol	Performance (a)
Reaction to fire - 60KG, 80KG, 120KG		Class	BL s1 d0
Thermal resistance	Thermal conductivity	d	Refer to manufacturers data
	Dimensions and tolerance	dd	± 1,5mm
	Closed cell	CV	
Water vapour permeability		MU	NPD
Compressive strength	Compression resistance properties	CS(10/)	60kg – 150kpa 80kg – 470kpa 120kg – 1000kpa
Rate of release of corrosive substance (only when the product is intended to be used in contact with metals)		CL	-
Release of dangerous substances to the indoor environment		-	-
Continuous glowing combustion		-	NPD
Durability of reaction to fire against ageing/degradation an high temperature		-	(b)
Durability of thermal resistance against ageing/ degradation an high temperature	Durability characteristics	-	
	Closed cell	CV	
Durability of dimensional stability against/ degradation and specified conditions	Durability characteristics	-	NPD
	Dimensional stability under specified conditions	-	NPD
8. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.			