

Thermazone Torch-on Board (Flat Boards)

Thermazone Torch-on Board is a Polyisocyanurate (PIR) rigid insulation faced with a thermofusible polypropylene fleece and bitumen/glass fibre top, and a mineral coated glass fibre OR composite bitumen /glass fibre facing to the underside.

APPLICATION

Thermazone Torch-on Boards are intended for use as a thermal insulation layer, and used in conjunction with torch on membrane waterproofing systems. Insulation boards should be installed in accordance with BMI Icopal's guidelines.

Upper Surface	Thermofusible polypropylene fleece and bitumen/glass fibre
Lower Surface	Mineral coated glass fibre OR composite bitumen /glass fibre
Insulant	Polyisocyanurate (PIR)

Characteristic	Test Method	Value or Statement	Units
Length		1200	mm
Width		600 or 1200	mm
Thickness		30 -160 (see table below for further information)	mm
Density		30-32 (nominally)	kg/m ³
Compressive Strength	BS EN 826	150 (@10% compression)	kPa
Thermal Conductivity	BS EN 13165	0.024 - 0.027	W/m.K
Tensile Strength	BS EN 1607	80 (perpendicular to faces)	kPa
Reaction to Fire	BS EN 13501-1	Class F	

STORAGE

Insulation boards are supplied in packs wrapped in polythene. The packaging of Thermazone Insulation products should not be considered adequate for long term outdoor protection. Ideally, boards should be stored inside a building. If, however, outside storage cannot be avoided, then the boards should be stacked clear of the ground and covered with a polythene sheet or weatherproof tarpaulin. Refer to BS 8000-4 (Section 2.1.2.2) for further information. Boards that have been allowed to get wet should not be used.

INSTALLATION SUMMARY

Thermazone Torch-on Board insulation is installed by torch application which involves heating the stripes on the upper surface of the vapour control layer to disperse the thermofusible film and activate the bitumen stripes. The boards are to be installed in accordance with manufacturer's instructions and current and relevant standards such as BS 6229 and BS 5250.

For further details please consult our Flat Roofing Product Installation Guidelines or contact our technical services team.

PACKAGING

Description	Board Dimensions	Product Code
Thermazone Torch-on Board – 30mm	1200mm x 600mm	20000818
Thermazone Torch-on Board – 40mm	1200mm x 600mm	20000851
Thermazone Torch-on Board – 50mm	1200mm x 600mm	20000770
Thermazone Torch-on Board – 60mm	1200mm x 600mm	20000852
Thermazone Torch-on Board – 70mm	1200mm x 600mm	20000853
Thermazone Torch-on Board – 80mm	1200mm x 600mm	20000813
Thermazone Torch-on Board – 90mm	1200mm x 600mm	20000769
Thermazone Torch-on Board – 100mm	1200mm x 600mm	20000854
Thermazone Torch-on Board – 120mm	1200mm x 600mm	20000768
Thermazone Torch-on Board – 130mm	1200mm x 600mm	20000774
Thermazone Torch-on Board – 140mm	1200mm x 600mm	20000855
Thermazone Torch-on Board – 150mm	1200mm x 600mm	20000856
Thermazone Torch-on Board – 160mm	1200mm x 600mm	21000112

SAFETY, QUALITY & ENVIRONMENT

BMI Icopal products are supplied under a Quality Management System approved to ISO 9001: 2015 and an Environmental Management System approved to ISO 14001: 2015 by TÜV NORD CERT GmbH.



ISO 9001:2015
44 100 21410102



ISO 14001:2015
44 100 21410102

CERTIFICATION

Thermazone Torch-on Board has been independently site and laboratory tested by the British Board of Agrément, and awarded BBA certificate number 23/6935 (PS2).



TECHNICAL SERVICES

For further information and technical support, please contact our technical services team:

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Product, technical standards and codes of practice are under constant review. We reserve the right to change and amend products and information without prior notice. For the latest information, suitability and specification advice, please contact BMI Icopal technical services team.