

TECHNICAL DATA SHEET

CERAMIC MODULE PRO MZ

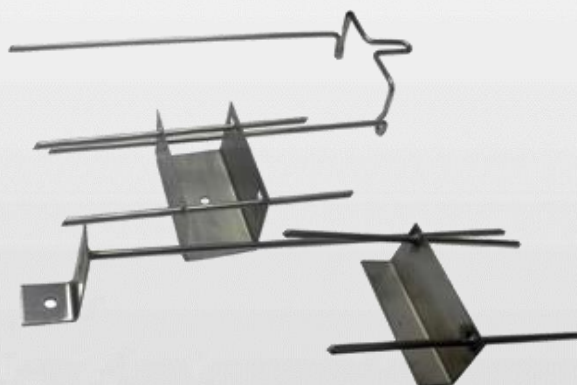
The modules are made from ceramic mats resistant to temperatures up to 1600°C, arranged in folds and pre-compressed in block shapes to provide ultralight ready assembled units. Standard module shapes are rectangular. They can also be made in any shape according to the customer's needs. The module shape is initially held between two layers of e.g., hardboard or plywood and strapped with polypropylene tape. In the lower part of the module, there are plastic tubes, which enable fast assembly of the module into the fastening system, i.e., heat-resistant anchors. The modules are supplied as cubes ready for assembly in various thicknesses: 150, 200, 250, 300 mm.



Module	Thickness		°C	°C	°C	°C	°C	°C		°C	°C	°C	°C
PRO MZ-3/220	150 mm	T. int.	800	900	1000	1100	1200	1300	PRO MZ-2/220	800	900	1000	1100
		T. ext.	75	85	96	108				75	85	96	108
	200 mm	T. int.	800	900	1000	1100	1200	1300		800	900	1000	1100
		T. ext.	64	72	82	91	102			64	72	82	91
	250 mm	T. int.	800	900	1000	1100	1200	1300		800	900	1000	1100
		T. ext.	57	64	72	80	90	100		57	64	72	80
	300 mm	T. int.	800	900	1000	1100	1200	1300		800	900	1000	1100
		T. ext.	52	58	65	72,3	81	90		52	58	65	72,3

There are several systems for fastening the modules, according to the requirements. All fastening elements are made of high-alloy carbon steels for different application temperatures depending on requirements from 950°C to 1100°C.

Once the modules have been installed in the heating unit and the limiting tapes and facings have been removed, the elasticity of the fibres ensures that the heat-insulating space is thoroughly filled.



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