



VERMICULITE BOARDS SN/SF

Technical specification

	Product	SN400	SN450	SN750	SF400	SF450	SF600	SF750
Classification temperature	°C	900	900	900	1100	1100	1100	1100
Bulk - density	Kg/m ³	350-400	450-500	700-900	350-400	450-500	600-650	700-900
cold compressional strength	N/mm ³	01:05	02:05	04:05	01:05	02:05	04:05	06:00
thermal conductivity (at a medium temperature W/mK)	200 °C	00:14	00:15	00:18	00:14	00:15	00:16	00:18
	400 °C	00:16	00:17	00:20	00:16	00:17	00:18	00:20
	600 °C	00:18	00:19	00:21	00:18	00:19	00:20	00:21
After shrinkage (900°C/12h)	%	<2.0	<2.0	<2.0				
After shrinkage (1100°C/12h)	%				<2.0	<2.0	<2.0	<2.0
Thermal expansion linear (20-700 °C)	%	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Specific heat capacity	KJ/Kg K	01:15	01:15	01:15	01:15	01:15	01:15	01:15
standard dimensions (in mm)	L	1900	1900	2440	3100	3100	3100	3100
	W	1200	1200	1220	1250	1250	1250	1250
	Thickness	20-70	15-65	8-30	20-70	15-70	20-50	8-40
Plane parallelism +/-	mm	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Colour		beige	beige	beige	beige	beige	beige	beige

- 1) We are able to supply special formats and special thicknesses on request. We will be pleased to manufacture stampings, milled parts or cuttings according to your drawing
- 2) With tiles especially, the classification temperature is not to be equated with the maximum application temperature, in particular when physical conditions such as tensile or pressure loads are involved. For applications as high-temperature insulation, lower temperatures must always be applied. In these cases, the Engineering department of our company will offer assistance and support.
- 3) Heat transmission calculations for this material can be requested from our Engineering department

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