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Vatral® 150/650

Pipe



Technical data sheet

Technical data relate to Vatral® 150/650 technical insulating mortar

Density	Approx. 150 kg/m ³		
Colour	Signal white		
Behaviour in fire	Non combustible	According to IMO FTPC Part 1	Module B: EC-Type Examination Certificate Certificate No. 107.092 Module D: Certificate No. SEE 19056
	A1	According to DIN EN 13501-1:2010	Classification report KB-Hoch-121120-4
Measurement thermal conductivity (λ_{10})	0,050 W/(m·K)	According to ISO 8302, EN 12667	Measured on the board
Measurement airflow resistivity (r)	≥ 6000 kPa·s/m ²	According to DIN EN 29053	Measured on the board
Maximum service temperature	900 °C	According to DIN EN 14706	From 650 °C on a small amount of SO ₂ can be released from the glass hollow spheres.
Compressive strength	$\geq 0,3$ MPa	According to DIN EN 1015-11	
Chloride content	$\leq 0,01$ %	According to DIN EN 1015-17	

Regulation of the heat conductivity using the hot wire-(cross-) method according to DIN EN 993-14
(measured in terms of the dried mortar)

°C	10	50	100	200	400	600	800
W/(m·K)	0,050	0,055	0,060	0,068	0,085	0,115	0,185



Product Description

Vatral® 150/650 pipe, an industrially manufactured pipe made of Vatral® 150/650 technical insulating mortar according to DIN EN 998-2.

Vatral® 150/650 pipe with its excellent fire protective and heat-insulating qualities was developed especially for the technical insulation.

Area of Application

Vatral® 150/650 pipe is used for technical insulation. In combination with Vatral® 150/650 technical insulating mortar even complex constructions can be insulated without heat bridges.

Processing

This pipe can be cut, grounded, drilled and laminated. Suitable cutting devices are among others: oscillating saws, electrical fret saw or rip saw. Notice the dust development. By using Vatral® 200 fire protection adhesive Vatral® 150/650 pipe sections can be laminated all over with 0.1 mm embossed aluminium foil.

Storage and Transport

Vatral® 150/650 pipe has to be dry stored and transported.

Delivery Form

Dimensions on request

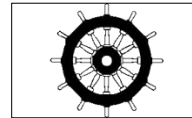
Requirements of Directive 2014/90/EU, Annex II, Part I.3

All reasonably foreseeable risks are covered by the applicable standards.

Additional Notes

A small contingent of the binding material evaporate at temperatures higher than 150 °C.

More data in the safety data sheet are to be concerned.



USCG Approval No.:
164.109/EC0736/107.092



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