

Techrock 100

GENERAL DESCRIPTION

Techrock 100 is a resin bonded mineral wool, high density slab, water repellent.

On request, slabs can be faced on one side with aluminium foil reinforced by a mineral fiber grid (ALS) or with white (FW1) or black (FB1) mineral fleece.

APPLICATION

Techrock 100 is used for insulation of flat and slightly curved surfaces of industrial and power generating plants (boilers, furnaces, etc.). The slab may also be used in applications for improving fire resistance and acoustic properties, for insulating ventilation air ducts.

TECHNICAL PARAMETERS

Property		Performance	Unit	Standard
Reaction to fire		A1 (for naked slabs or faced with mineral fleece)		EN 13501-1
		A2 (for slabs with ALU facing)		
Nominal density	ρ	100	Kg/m ³	EN 1602
Thermal conductivity at 10°C	λ	0,037*	W/(mK)	
Maximum service temperature		650 (for naked slabs)	°C	EN 14706

*Based on internal testing.

DIMENSIONS AND PRODUCED RANGE

Thickness (mm)	40	50	60	70	80	90	100
Length (mm)	1000						
Width (mm)	600						
m ² /pack	6,0	4,8	3,6	3,6	3,0	-	2,4

On specific request, slabs with different dimensions are available.
Slabs are wrapped in PE foil.

Any information contained in this document describes the product properties applicable as at the time of issue. Please require from your supplier always the most recent issue of this technical datasheet, because with respect to continuous product development, we retain the right to change some values without prior notice.