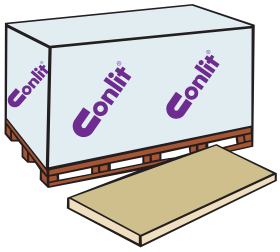
ROCKWOOL®

THERMAL AND FIRESAFE INSULATION

FIREPROOF SYSTEMS

DATASHEET

CONLIT A/F



HARD RIGID FIREPROOF SLABS

PRODUCT DESCRIPTION

Hard rigid stone wool slabs, with special fireproof qualities, one-side covered with aluminium foil.

APPLICATION

CONLIT A/F are used as fire protection to:

- steel made supporting constructions;
- industrial reservoirs and tanks for storage of combustibles;
- metal ventilation and leading off ducts;.

The product can be left without visible aluminium foil completion, in some cases.

SPECIFIC PROPERTIES OF ROCKWOOL STONE WOOL

- Perfect fire-safe qualities;
- Not affected by fire activity;
- Chemically neutral;
- Hydrophobic and non-hygroscopic;
- Ecologically clean, no contents of asbestos or toxic elements;
- Fast and easy to assemble;
- Harmless to man, no requirements for special means of protection;
- Not an environment for rodents and micro-organisms.

PACKING

Slabs are wrapped in PE foil with the name of the manufacturer and the basic product data on the label.

DIMENSIONS, PRODUCT RANGE AND PACKING				
Thickness (mm)	25	30	40	50
Length x Width (mm)	2000 x 1200			
m^2 / pack	108	88.80	67.20	52.80

Non-standard sizes are available upon agreement with ROCKWOOL, a.s.

TECHNICAL PARAMETERS				
Typical Features	Symbol	Value	Unit	Standard
Density	ρ	~165	kg /m^3	EN 1602
Medium thermal resistance	λ_D	0.038	W / m.K	EN 12667
Reaction to fire	A_1	Non combustible	-	EN 13501-1
Fire barrier	*for metal constructions*	up to 4 hours	h	-
	for metal ventilating and leading off ducts	up to 2 hours	h	-
Specific heat capacityairborne sound	C_p	840	J / kg.K	EN 13162
Melting point	t_t	> 1000	°C	DIN 4102
24 h short term water absorption by partial immersion	W_p	≤ 1 test = 0.16	kg/m^2	EN 1609
Compression behavior at 10% deformation	σ_{10}	79	kPa	EN 826
Bulgarian Technical Approval	Protocol № 00-132/ 12.05.2004	SRICM, Sofia		EN 13162
Sanitary Permit	№ 03579 / 2000 by Bulgarian Ministry of Health			
Environment Management System	Certificate No.140868	Bureau Veritas (BVQI) CS Prague		ISO 14001:2000
Quality Management System	Certificate No. 134429	Bureau Veritas (BVQI) CS Prague		ISO 9001:2000

Any information contained in this data sheet describes the product properties applicable as at the time of issue. With respect to continuous development of these materials, changes to their properties may take place from time to time.

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