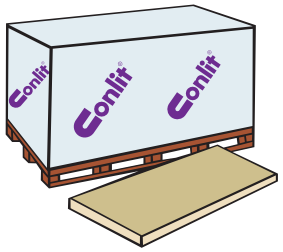
ROCKWOOL®

THERMAL AND FIRESAFE INSULATION

FIREPROOF SYSTEMS

DATASHEET

CONLIT P



HARD RIGID FIREPROOF SLABS

PRODUCT DESCRIPTION

Hard rigid stone wool slabs with special fireproof qualities.

APPLICATION

CONLIT P are used as fire protection to:

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

SPECIFIC PROPERTIES OF ROCKWOOL STONE WOOL

- Perfect fire-safe qualities;
- Not changed 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

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

DIMENSIONS, PRODUCT RANGE AND PACKING					
Thickness (mm)	25	30	35	40	50
Length x Width (mm)	2000 x 1200				
m^2 / pack	108	88.80	79.20	67.20	52.80

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

TECHICAL 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 capacity	C_p	840	J / kg.K	CSN 73 0540
Melting point	t_t	> 1000	°C	EN 1427
Water absorption for 24h-period-partial dipping	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 № 00-137/ 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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