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**Stone-wool insulating slab**

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# Heralan-FP

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**Type of application acc. DIN 18 165 - MinP - W-w - 040 - A1**

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**Description of the product**

Stone wool facade thermal insulation slab made of Heralan stone wool.

- non-combustible, A1 to DIN 4102
- thermal conductivity acc. to DIN 52 612
- melting point of fibres > 1000 °C
- dimensionally stable
- diffusing open structure
- permanently water repellent
- resistant to ageing

**Fields of application**

Thermal and sound insulation as well as fire protection for ventilated curtain walls and for cavity walls with and without air layer.

**Form of delivery**

<i>Thickness</i>	<i>[mm]</i>	60	80	100	120	140
<i>m<sup>2</sup> per packing unit</i>		4.50	3.00	2.25	2.25	1.50
<i>Length</i>	<i>[mm]</i>	1200				
<i>Width</i>	<i>[mm]</i>	625				

Further thicknesses and slabs with natural light or black fleece on one side on request.

**Form of delivery units:** Slab packages, PE-shrink wrapped

**Technical data**

Characteristic	Symbol	Description/Specification					Unit	Standard
<i>Fire behaviour</i>	--	A1 "non combustible"					[---]	DIN 4102
<i>Application temperature</i>	--	$\leq 250$ °C (max. binder temperature)					[°C]	
<i>Melting point of fibres</i>	--	$\geq 1000$ °C					[°C]	
<i>Heat transmission group</i>	--	035					[W/mK]	DIN 18165
<i>Calculation value of thermal conductivity</i>	$\lambda_R$	0,035					[W/mK]	DIN 52612
<i>Thermal resistance</i>	t	60	80	100	120	140	[mm]	DIN 52612
	$R_t$	1,71	2,29	2,86	3,43	4,00	[m <sup>2</sup> K/W]	
<i>Nominal density, approx.</i>	$R_D$	70					[kg/m <sup>3</sup> ]	DIN 18165
<i>Specific heat capacity</i>	--	0,84					[kJ/kg.K]	
<i>Diffusion resistance factor</i>	$\mu$	~ 1					[---]	DIN 52615

Quality control acc. DIN 18165

**Distribution is handled via special trade.**

For further information, please contact:

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