

## External Wall Rock Wool Insulation Board

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### External Wall Rock Wool Insulation Board

**Rock wool board** is made of select fine basalt as the major materials which is pulled into 4-7 $\mu$  non-continuous fibers...

Density	Thickness					
kg/m3	mm					
60	50	70	80	100	150	/
75	50	70	80	100	150	/
80	50	70	80	100	150	/
100	50	70	80	100	150	/
120	30	40	50	80	100	/
130	30	40	50	70	80	100
150	30	40	50	70	80	100
180	30	40	50	70	80	100
200	30	40	50	70	80	100

**Rock wool board** is made of select fine basalt as the major materials which is pulled into 4-7 $\mu$  non-continuous fibers after melted by adopting advanced international four-roller centrifugal cotton-making procedures and adding a certain of adhesives, dust laying oil and water repellent into rock wool fibers. **Fire Resistance Rock Wool Board** can be made into products series with different density according to various uses through the technology of sedimentation, solidify, cutting and etc.

**roof insulation Rock Wool Board** advantages:

1. Superior Fire Resistance
2. Good Water repellence
3. Environment Friendly
4. Stable Insulation Performance
5. Excellent Acoustics
6. No Corrosion On Insulation Body

Application of **custom Rock Wool Board**:

Rock wool was used for building materials, and steel structure insulation

soundproof and fireproof used for wall and roof of house

Heat preservation for steel structure building

Heat Insulation for wall and roof of house to save energy

For indoor partition wall, Train compartment.

**custom Rock Wool Board** for ship thermal insulation and fire prevention partition keel interlayer sound insulation; **Building partitions Rock Wool Board** has excellent fire prevention, heat preservation and sound absorption performance. It is mainly used for building wall, roof insulation; Fire prevention and noise reduction of building partitions, firewalls, fire doors and elevator shafts.

Properties	Value
Density	60-150 Kg/m <sup>3</sup>
Shot content (particle diameter $\geq 0.25\text{mm}$ ), %	$\leq 12.0$
Average fiber diameter, $\mu\text{m}$	$\leq 7.0$
Density tolerance, %	+15, -15
Thermal conductivity coefficient (average temperature: $70 \pm 2^\circ\text{C}$ ), W/(m. K)	$\leq 0.043$
Thermal load contraction temperature (products with density above 60kg/m <sup>3</sup> ),	$\leq 600$

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Acidity coefficient mk	$\geq 1.6$
Moisture content, %	$\leq 0.5$
Combustion property	Non-combustible(A class)
Organic material content, %	$\leq 4.0$
Water repellence (water-proof), %	$\geq 98$
Water absorption (water-proof), %	$\leq 5$
Max Application Temperature °C	650

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