

RS WallRock 140

RS Premium Rock Wool Board: A versatile, high-density mineral wool slab engineered for superior fire resistance, thermal insulation, and sound absorption.



Application

Our high-density Rock Wool boards are designed for superior thermal and acoustic insulation in building structures. They are ideal for external wall insulation systems (ETICS), flat roofs, and partition walls, providing excellent fire resistance and energy efficiency for both residential and industrial projects.

Product properties in accordance with ASTM C518

Property	Performance	Test standard
Thermal conductivity	≤0.036 W/m.K (at 25 °C)	ASTM C518
Maximum use temperature	1200 °F (650 °C)	ASTM C411
Sag resistance	≤ 2% at 1200 °F (650 °C)	ASTM C411
Linear shrinkage	≤ 2% at 1200 °F (650 °C)	ASTM C356
Reaction to Fire	Class A1 Non-combustible	EN 13501 / ASTM E84
Compressive Strength	≥40kPa	ASTM C165 / EN 826
Corrosion to steel	Chemically Neutral & Non-Corrosive to Steel	ASTM C1617 / ASTM C665
Water Repellency	≥98%	ASTM C1104 / C1511
Vapor sorption	<1% weight	ASTM C1104
Density	140 kg/m ³	ASTM C612

All values are nominal values for standard industrial production. Standard industrial production tolerances applicable.

Compliance

- RS Rock Wool Board fully complies with the requirements as set by internationally recognized standards like ASTM C612 (Type IA, IB, II, III, IVA, IVB), CINI 2.2.01, and EN 13162.
- Sound absorption and noise reduction data are available in accordance with ISO 354 and ISO 11654.
- RS stone wool insulation is made from volcanic rock and is not classified as a hazardous substance in accordance with Note Q, regulation (EC) No. 1272/2008.

Disclaimer

As RS has no control over insulation design and workmanship, accessory materials or applications conditions, RS does not warranty the performance or result of any installation containing RS products. RS overall liability and the remedies available are limited by the general terms and conditions of sale. This warranty in lieu of all other warranties and conditions expressed or implied, including the warranties of merchantability and fitness for a particular purpose. RS Technical Insulation reserves the right to make necessary product changes at any time. Technical specifications are thus stated subject to change.

