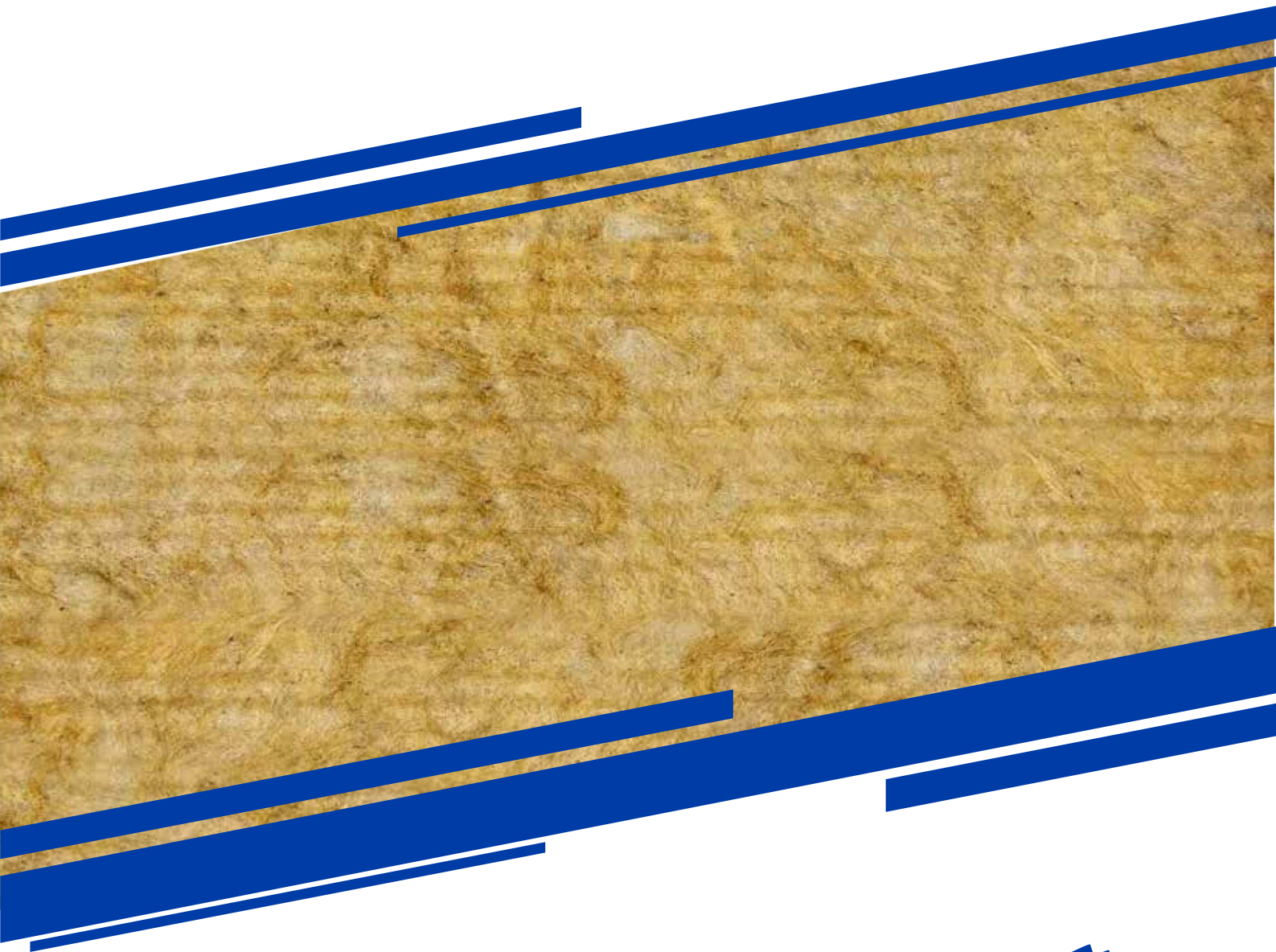




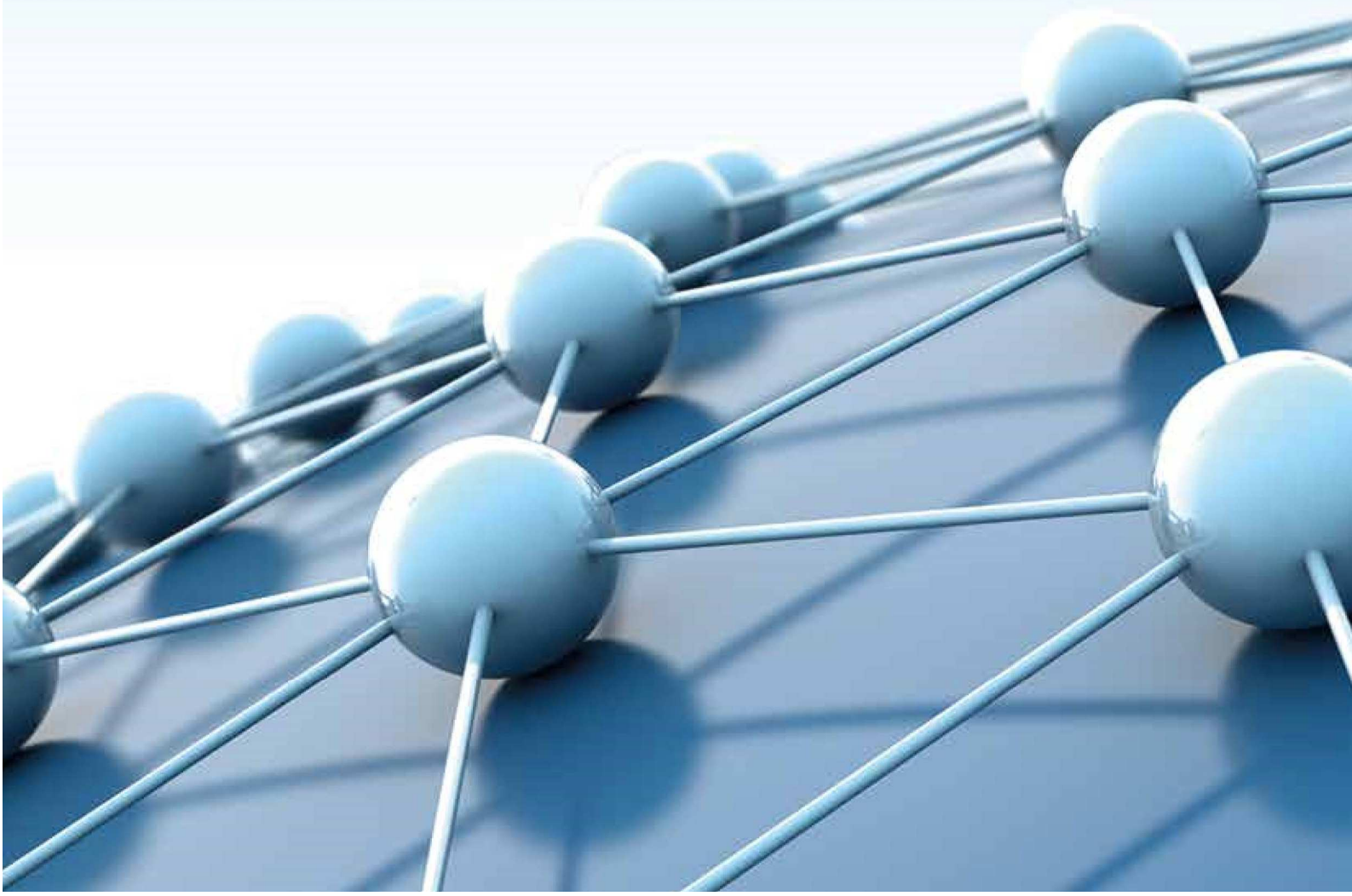
RAVATHERMTM
STONE WOOL

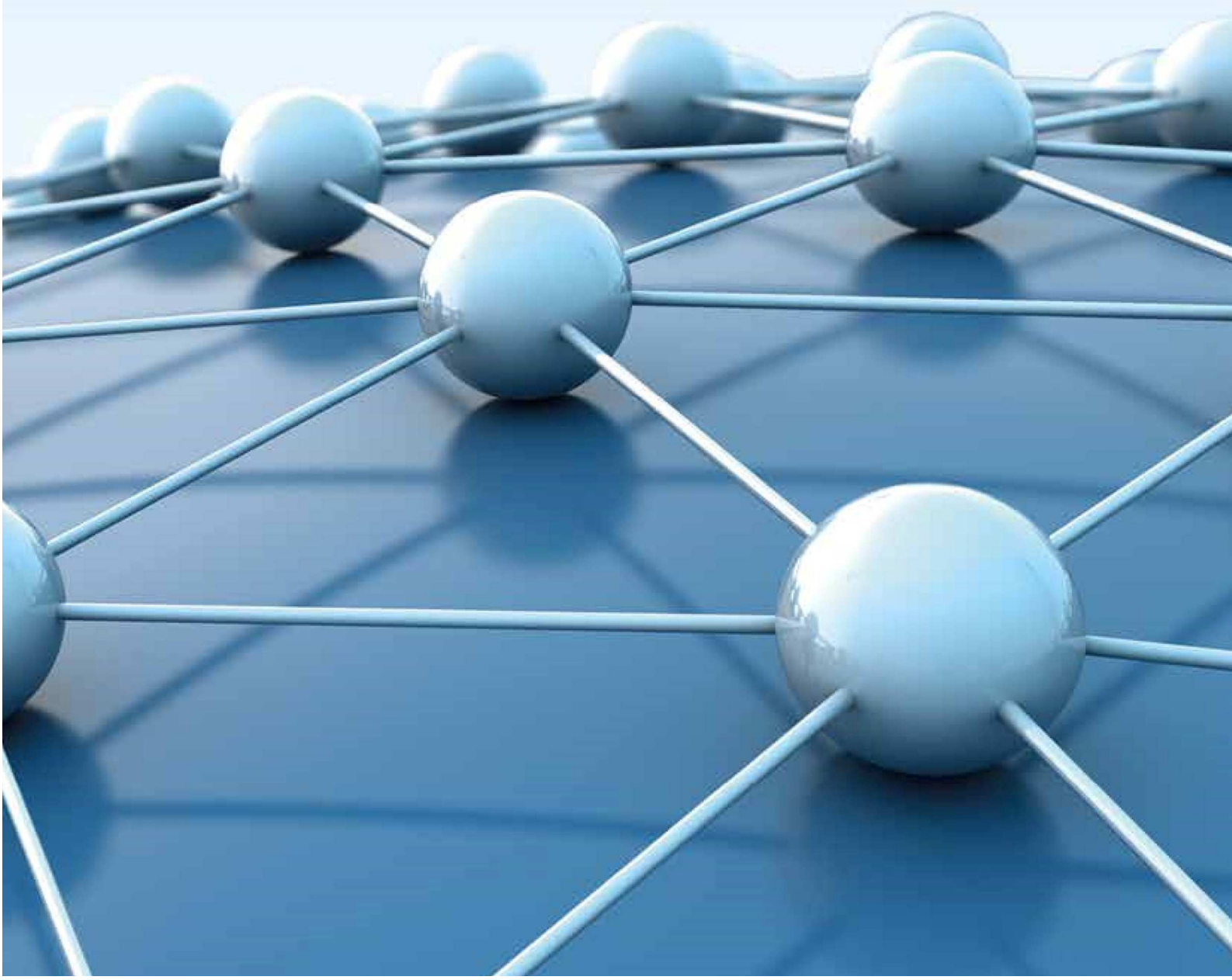


STONE WOOL INSULATION

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WHO ARE WE?

RAVAGO BUILDING SOLUTIONS

The Ravatherm Stonewool brand is part of Ravago Building Solutions, a leader in the insulation sector meeting the mineral Stonewool needs of 20,000,000m² annually. Providing solutions for not only thermal and acoustic insulation but also fire safety across a wide range of products and applications. Belgium based Ravago Group operates from over 300 locations across 40 different countries working in the insulation and construction sectors.

Ravatherm is not only the biggest single Stonewool producer in its homeland of Turkey but also the largest producer in the region with an annual production capacity of 120,000 tonnes operating from an 80,000m² site with 50,000m² of production and storage facilities and investing in the most advanced technology and equipment.

DEGREEE INSULATION LIMITED

Insulation and drainage in one. Having years of experience in delivering bespoke flat roof insulated rainwater drainage solutions for both new build and refurbishment.

Practical design solutions for tapered insulation delivered on time and in budget.

NATIONAL COVERAGE

HEAT LOSS/U-VALUE CALCULATIONS

CONDENSATION RISK ANALYSIS

FULL DESIGN SERVICE

Degree Insulation Limited offer individual project design for cut to falls roofs. Working from drawings, we design and price optimal technical solutions within your budget.



INSULATION



The Stonewool product group has a thermal conductivity value of 0.035 W/Mk within the scope of the thermal insulation regulation of the buildings, and designed to provide comfort to our living spaces by preventing the leakage of cold in winter and heat in summer.



Providing 40-90% sound insulation according to EN ISO standards, Stonewool is a material that can absorb sound very well. It complies with the regulation on the protection of buildings against noise and provides sound insulation with its noise-reducing feature.



UNFACED is in the "A1" class, which is a class of non-combustible materials according to DIN and EN norms. Its operating temperature limit is within the range of -55/+760 degrees, and, it is produced in accordance with the regulations for the fire protection of buildings.

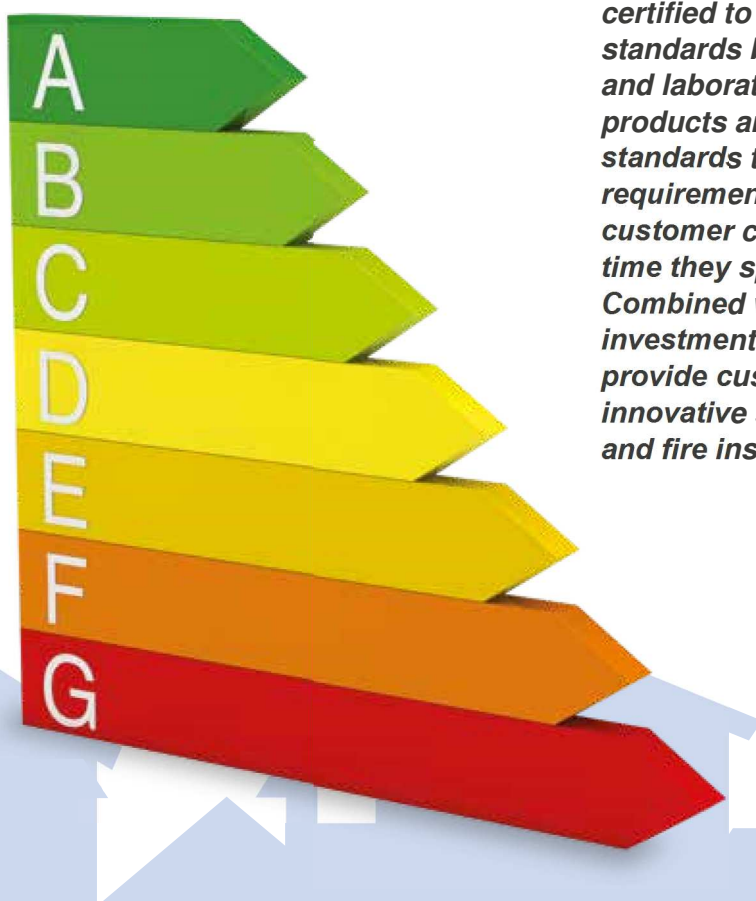
FACED is in the "A2" class - s1, d0.



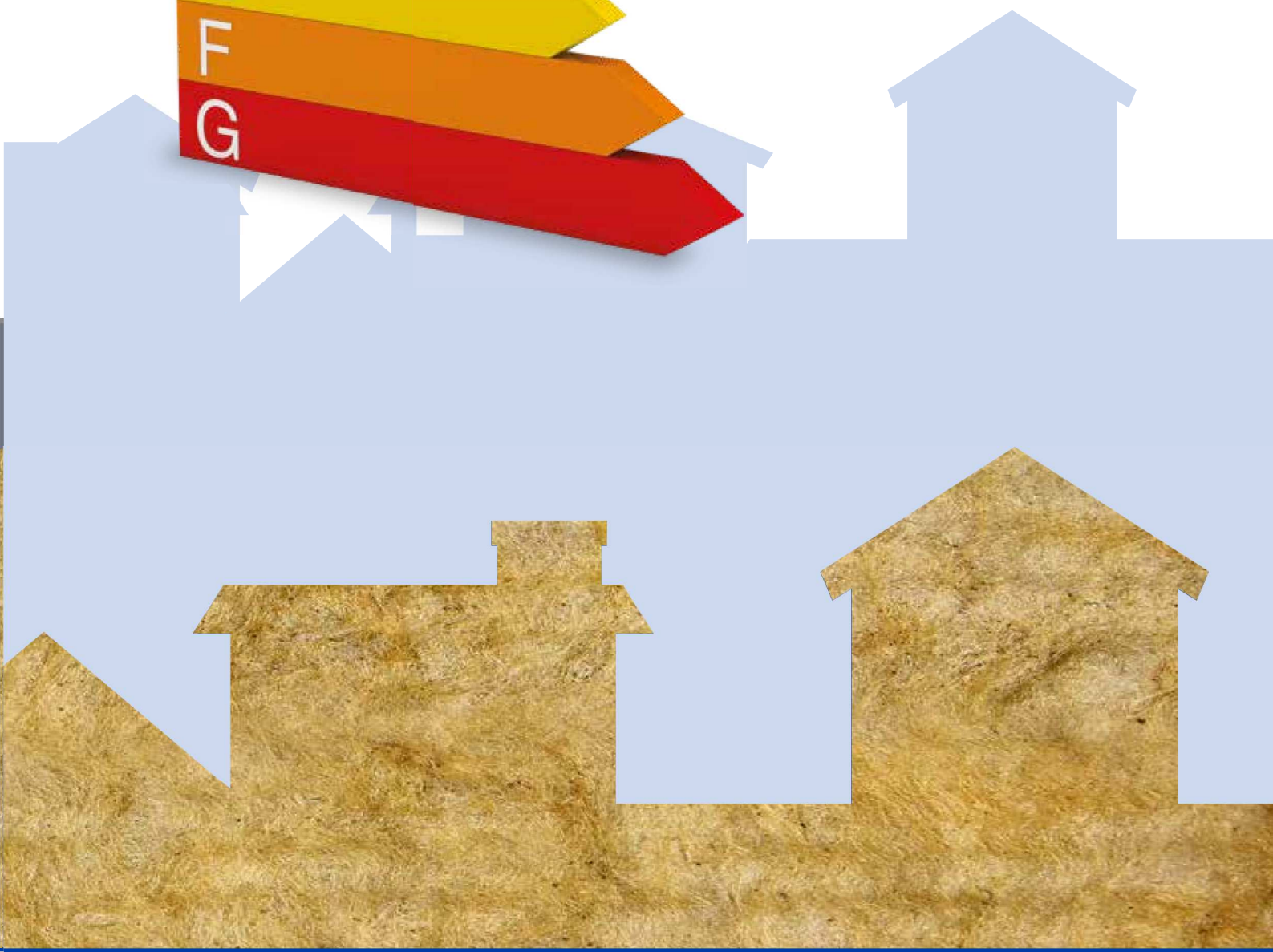
With its water vapour diffusion resistance as $\mu=1$, (same value as air) Stonewool does not corrode or oxidise thanks to its structure and does not allow rotting, deterioration or mould. It offers long-lasting and effective solutions for condensation and moisture within buildings.



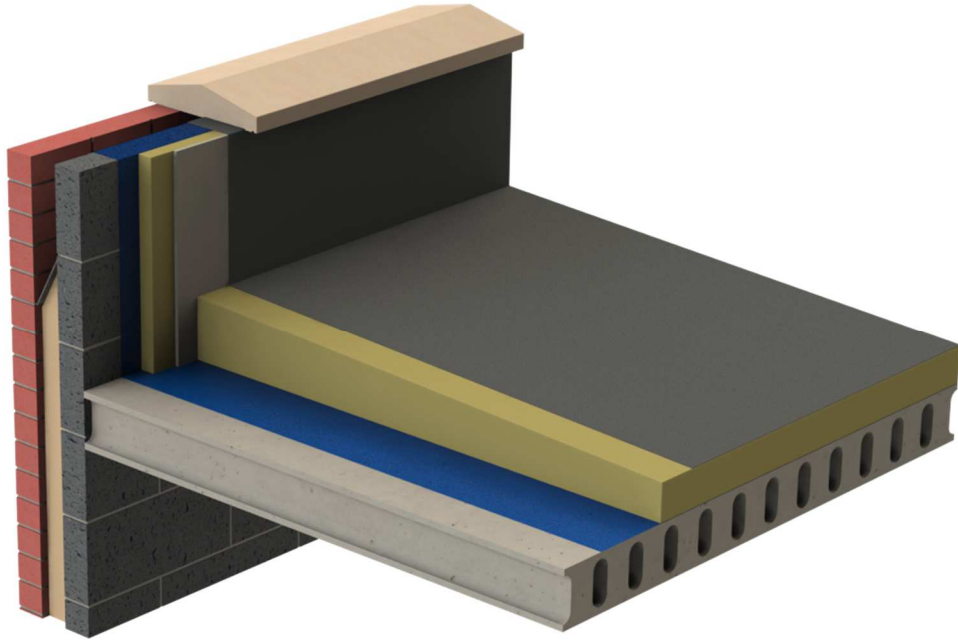
QUALITY



Ravatherm Stonewool products are tested and certified to the highest national and international standards by worldwide recognised institutes and laboratories. All Ravatherm Stonewool products are produced to the highest quality standards to meet the most rigorous testing requirements across the globe. Guaranteeing customer confidence, trust and satisfaction each time they specify or install Ravatherm Stonewool. Combined with a programme of continuous investment and development will continue to provide customers with high quality products and innovative solutions for all their thermal, acoustic and fire insulation needs for years to come.

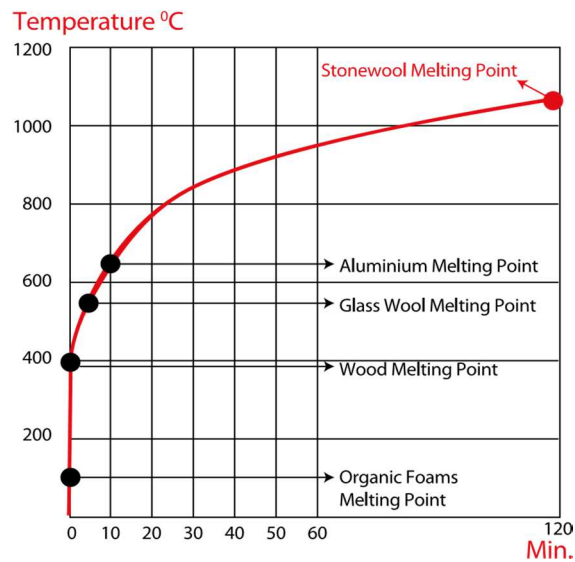


STONEWOOL TAPERED ROOFING

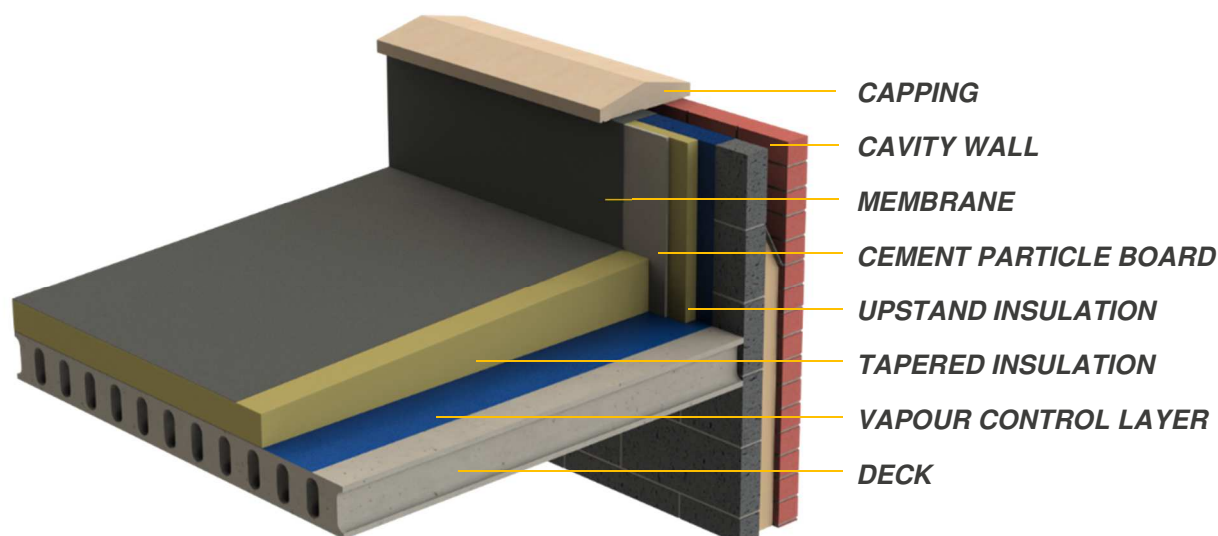


Stone wool is a thermal insulation material consisting of 98% natural fibres, formed by melting mineral and inorganic stones obtained from volcanic rocks in nature between 1500-1600 degrees and becoming fibres.

It provides a high level of insulation on the roofs of buildings, partition walls, external walls, entertainment venues and cinemas etc. wherever heat, sound, moisture insulation and fire safety are required.



TECHNICAL SPECIFICATIONS



Thanks to its inorganic structure, it does not produce bacteria and microorganisms.

It is an ecological and environment friendly product made of natural raw materials.

Stone wool has a water-repellent feature thanks to its saturated structure.

It does not contain steam since it has vapour permeability.

Use of stone wool reduces the need for fossil fuels. Therefore, it will help to reduce carbon dioxide emissions, thereby easing ecological events such as climate change.

Since stone wool is resistant to temperatures above 1000 degrees, it provides fire safety which is vital. While preventing fire from spreading, it saves time for firefighters in life saving and evacuation operations.

Stone wool provides a tranquil environment as it eliminates negative external factors such as noise and rumble thanks to its fibres.

FLAT ROOF BOARD



DIMENSIONS AND TECHNICAL SPECIFICATIONS

PRODUCT DESCRIPTION

*Used for heat, sound and moisture.
Insulation in terrace roofs.
Stone wool board with or without yellow tissue facing.*

USAGE AREAS

*Suitable for timber, metal and concrete decks.
For all kinds of terraces.*

APPLICATION

*Used for the purpose of thermal insulation over the vapour barrier.
Stonewool is compatible with most flat roofing membranes
Stonewool can be fabricated to suit any flat roofing application*

	<i>Thickness (mm)</i>	<i>Dimensions (mm)</i>	<i>kg/m²</i>	<i>Thermal Resistance Value (m²K/W)</i>	<i>Compressive Strength (%10 Deformation)</i>
150 kg/m³	60	600x1200	6.9	1.72	≥ 70 kPa
	80		9.2	2.29	≥ 70 kPa
	100		11.5	2.86	≥ 70 kPa
	120		13.8	3.43	≥ 70 kPa
	140		15.1	4.00	≥ 70 kPa



CE
13162

CE
14303

EN ISO
10002

ISO
9001

ENISO
14001



OHAS
18001



TS
50001





DEGREE^o

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