

Rockfon Presentation

activeceilings™

ROCKWOOL
Rockfon®
ACTIVATE YOUR CEILING

Unique Properties of Rockfon



Rockfon ceiling systems are based on 100% pure Diabase rock which is then melted and spun by means of patented Rockwool technology transforming it into stone wool .



Introduction to Rockfon

The unique properties attributed to the stone wool core are:

Stone wool easily absorbs sound – this means that the tiles provide **excellent acoustic regulation.**

Stone wool does not burn - withstands more than 1000°C – providing **excellent fire safety.**

Stone wool is non hygroscopic – tiles withstand up to **100% relative humidity at 40°C.**

Stone wool is an inorganic material – tiles are **not attacked by rot, fungi or bacteria.**

Stone wool is durable – tiles ensure **ceiling longevity.**



Excellent Acoustic Regulation

Rockfon ceiling tiles play a major role in enhancing acoustics through

Sound pressure level: How loud is the sound within a space.

Reverberation time: How much echo is in the room.

Speech intelligibility: How easily words can be understood.

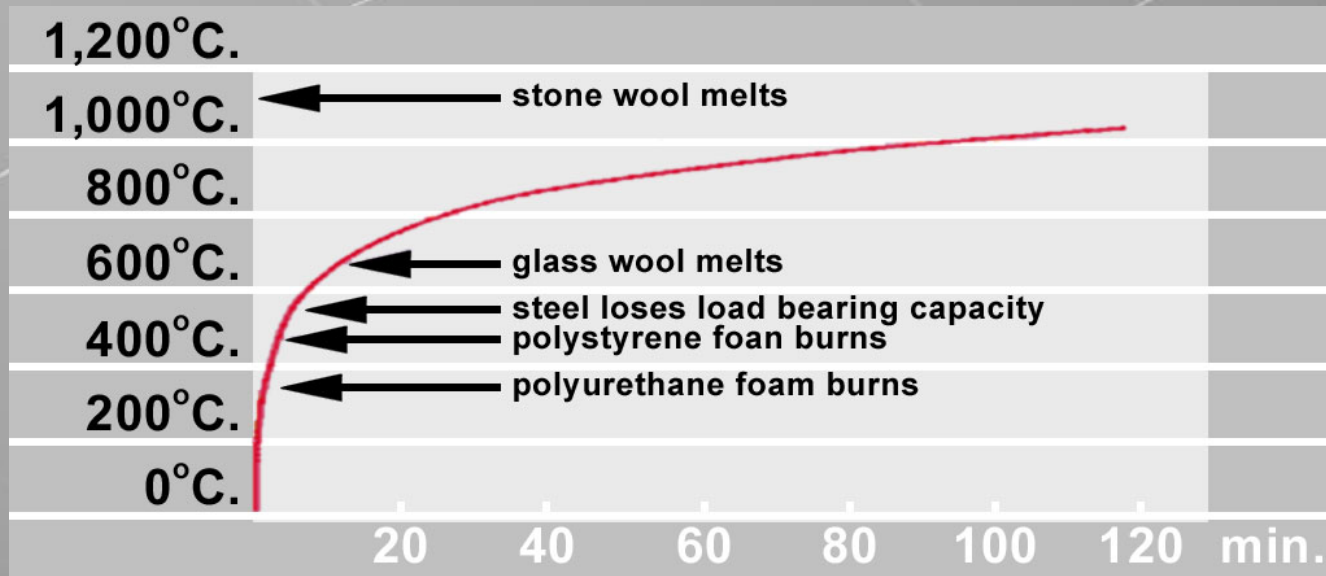
Sound insulation: How much sound is blocked between rooms.



Excellent Fire Safety

Stone wool ceilings can increase the fire safety of buildings.

Rockfon suspended ceilings can withstand high temperatures without melting, burning or emitting toxic smoke



Excellent Fire Safety

Rockfon tiles are classified in category A1 - the safest class Possible

Rockfon products are tested for their Reaction to Fire.

Rockfon ceiling tiles meet the European A1 standard which means that they are non combustible, wont smoke and produce no droplets. This is important because it allows more time to evacuate the building.



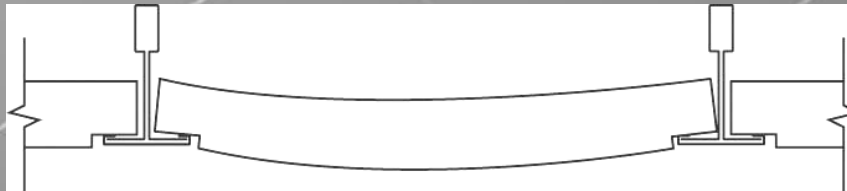
Excellent Resistance to Moisture

Rockfon tiles are non hydroscopic.

Inorganic, non-hygroscopic and 100% humidity resistant materials provide maximum longevity.

People immediately notice misshapen ceilings. This gives a negative impression of the space. Humidity can weaken the structure of some ceiling tiles causing them to lose their shape over time.

Fast track projects, swimming pools, schools and hospitals are all subject to high humidity levels. Bacteria and fungi need organic material, moisture and heat to grow.



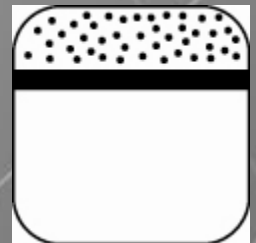
Excellent Resistance to Moisture

Rockfon tiles do not allow the growth of harmful micro organisms.

Rockfon products have been awarded the Danish Indoor Climate Label and the Finnish Classification of Indoor Air Climate Label M1.

It has these classifications because:

1. They are made of 100% inorganic stone wool
2. They are non-hygroscopic
3. They are non-particle shedding
4. They are resistant to microbial growth



Excellent Ceiling Longevity

Rockfon tiles does not allow the growth of harmful micro organisms.

Easy maintenance and ceiling longevity mean:

Ease of cleaning

Dimensional stability

Resistance to damage and workability etc



Summary of Key Points

Rockfon tiles are not the same as other ceiling tiles.

1. Rockfon ceiling tiles offer excellent Acoustic properties
2. Rockfon ceiling tiles offer excellent Fire properties.
3. Rockfon ceiling tiles offer excellent Resistance to Moisture.
4. Rockfon ceiling tiles offer excellent Resistance to Microbial Attack.

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