





WELL version 2

Product Data for Building Certification





ROCK MINERAL WOOL WITH ECOSE® TECHNOLOGY

WELL v2 operates on a points-based system. All optimizations have maximum point-values. The point-value of a feature is determined by its potential for impact. This is defined as the extent to which a feature addresses a specific health and wellness concern or opportunity for health promotion, and the potential impact of effective intervention.




KNAUF INSULATION put you on the right track for the highest result into the certification!

Feature	Part	Definition	Knauf Insulation Products contribution	Contributes towards
A01. Fundamental Air Quality 	A01.2 Meet thresholds for Organic Gases	To provide acceptable air quality levels as determined by public health authorities.	ECOSE Technology products are compliant with the German AgBB Testing and Evaluation Scheme and the higher category (A+) of the French labelling. The binder is without added phenol formaldehyde. Products with or without facing are certified for Indoor Air Comfort Eurofins Gold. ¹ 	Precondition
A05. Enhanced Air Quality 	A05.2 Meet Enhanced Thresholds for Organic Gases	To go above current guidelines to provide enhanced air quality levels that have been linked to improved human health and performance.		1 point
T01. Thermal Performance 	T01.1 Provide acceptable Thermal Environment	To create indoor thermal environments that provide comfortable thermal conditions to the majority of people in support of their health, well-being and productivity.	Rock Mineral Wool products help reducing energy demand through very high insulation efficiency.	Precondition

¹ See annex 1 Indoor Air Comfort Gold Eurofins and <https://www.eurofins.com/consumer-product-testing/>

Feature	Part	Definition	Knauf Insulation Products contribution	Contributes towards
S01. Sound Mapping 	S01.1 Label Acoustic zone	To create an acoustical plan that identifies internal and external noise sources that can negatively impact the acoustical environment of interior spaces.	Rock Mineral Wool products have high performance acoustic properties. Products performance aims to reduce indoor ambient noise level and reverberation times in order to comply with regulations or good practices standards. ²	Precondition
	S01.2 Provide Acoustic Design Plan			
S02. Maximum Noise Levels 	S02.1 Limit Background Noise Levels	To facilitate comfortable interior noise levels. This feature can operate in tandem with Feature S01: Sound Mapping.		3 points
S03. Sound Barriers 	S03.1/S03.2 Design for Sound Isolation at Walls and Doors & achieve sound insulation at walls	To bolster acoustical privacy between rooms. This feature can operate in tandem with Feature S01: Sound Mapping		3 points
X05. Enhanced Material Restrictions 	X05.2 Select Compliant Architectural and Interior Products	To restrict halogenated flame retardants (HFRs), Per- and polyfluoroalkyl substances (PFAS) and select phthalates commonly used in building materials and products. Insulation products, including thermal and acoustic insulation in walls, ceilings, ducts, tubes and pipes, contain 100 ppm (0.01%) by weight or less of halogenated flame retardants (HFR).	ECOSE Technology products contain no ingredients listed on the REACH Authorization list, Restriction list or Substances of Very High Concern Candidate list (compliance letter by plant can be requested on demand). No HFR or PFAS are used in ingredients.	2 points

² See annex 2 : Sound absorption example

<p>X06. VOC Restrictions</p> 	<p>X06.2 Restrict VOC Emissions from Furniture, Architectural and Interior Products (like Insulation).</p>	<p>It requires adherence to emission thresholds for materials placed inside the building envelope.</p>	<p>ECOSE Technology products are compliant with the German AgBB Testing and Evaluation Scheme and the higher category (A+) of the French labelling. The binder is without added phenol formaldehyde. Products with or without facing are certified for Indoor Air Comfort Eurofins Gold³.</p>  	<p>2 points</p>
---	--	--	---	-----------------

Annex 1: Indoor Air Comfort Gold EUROFINS



³ See annexe 1 Indoor Air Confort Gold Eurofins and <https://www.eurofins.com/consumer-product-testing/>



Annex 2: ECOSE Rock Mineral Wool product and sound absorption example

α coefficient is the coefficient for *sound absorption*.

