

PRODUCT SPECIFICATION

- 1. Product** : Insulation Corkboard - Standard Grade
- 2. Scope** : Describe product composition, characteristics and other valuable information
- 3. Product Description** : Natural insulation corkboard is manufactured from the bark of the oak tree. The raw material is first granulated and then mixed with binder and compressed into blocks

4. Characteristics:

4.1. Physical Properties:

Characteristics:	Test Results:
Density	Around 120 kgs/m³
Thermal conductivity (20°)	0,040 W/m°C
Tensile strength on board surface	0,094 N/mm²
Transverse strength	0,14-0,2 N/mm²
Compressive strength	0,2 N/mm²
Limit of compressibility	1 N/mm²
Compressive stress for 10% of compression DIN 18161 Part 1	0,178 N/mm²
Specific heat	1,67 kj/kg°C
Resistance to diffusion of water vapor	u5-30
Working temperature	-200° C + 80/100° C
Dynamic rigidity (for a thickness of 50mm)	125 N/cm³
Modus of elasticity	5 N/mm²
Vapor conductivity	0,017-0,003 g/mh mm
Coefficient of thermal expansion (20° C)	25 to 50 x 10⁻⁸
Dimensional stability	Stable - does not contract
Does not disintegrate in boiling water (3 hours test)	Expands

Note: All tests carried out according to the requirements of ISO 7322 norms and **CONFORM.**

5. Valuable Information

Storage

- The product should be kept at 20 ± 10°C. Environmental relative humidity of 60 ± 10%.

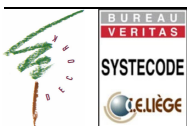
Environmental Health and Safety

- If properly used, this product is not known to be environmentally harmful.
- Based on available toxicity tests, this product is not a human hazard.
- There are no special health dangers when handling the product, however, powder filter mask and protection glasses should be used in the case of sawing cut, sanding operations, etc.

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