



Isolant's performance
Sistemas térmicos, insonorización, ignífugos



IDENTIFICATION CR-108 Rolls & Boards

| | |
|---------------------|--|
| Grade | CR-108 Roll & Board |
| Scope | Describe product composition, characteristics and other valuable information. |
| Product Description | Agglomerated Composition Cork produced with 2/4mm granulated cork and a polyurethane binder. |

1. PHYSICAL PROPERTIES

| | Unit | Specification | Norm |
|---------------------------|---------------------|--|---------------|
| Specific weight | Kg/m ³ | 145-220 | ISO 7322 |
| Tensile Strength | kPa | ≥200 | ISO 7322 |
| Compressibility | % | 20-50 | ISO 7322 |
| Recovery | % | ≥70 | ISO 7322 |
| Moisture Content | % | Optional, according to contract terms | --- |
| Sizes Rolls | | 2mm x 1.22m x 10m & 4mm x 1.22m x 5m | |
| Sizes Boards | | 2mm x 1.22m x 0.61m & 4mm x 1.22m x 0.61m | |
| Acoustical Results | ΔLw | 2 mm > 17 dB 3 mm > 18 dB 4 mm > 19 dB 5 mm > 20 dB | ISO 140 & 717 |
| Walking Noise Reduction | % | > 7 | --- |
| Thermal Conductivity | W/m ² K | 0,038 | ISO 8301 |
| Thermal Resistance (2 mm) | m ² °K/W | 0,053 | ISO 8301 |
| Boiling in water | --- | No disaggregation | ISO 7322 |

2. VALUABLE INFORMATION

| | |
|---------------------------------|--|
| Storage | The product should be kept at a temperature of 20 ± 3°C, and an Environmental humidity of 60 ± 5%. |
| Environmental Health and Safety | <p>If properly used, this product is not known to be environmental harmful.</p> <p>Based on available toxicity tests, this product is not human hazard. Besides, as certified by the binder manufacturer, the type of glues and chemicals used in the manufacturing of our products are specially designed for the production of cork agglomerated being food grade products. There are no special health danger when handling the product, however, powder filter mask and protection glasses should be used in the case of sawing cut, sanding operations, etc.</p> <p>Variations in color, size and grain occur in all natural materials.</p> |

