

DECODALLE CORK WALL TILES

TECHNICAL SPECIFICATION

GENERAL DEFINITION AND PRODUCT COMPOSITION

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| Definition | Veneered agglomerated cork tiles to be used as wallcoverings within buildings. Tiles are produced by gluing one decorative cork veneer with one backing of agglomerated cork. Tiles are cut in the dimensions of 600 x 300 mm and have a thickness of 3 mm. The surface is fine sanded and finished with wax. |
| Dimensions | 600 x 300 x 3 mm |
| Product structure and materials | Natural or agglomerated cork veneer; Agglomerated cork backing; Waterbased paint (on coloured tiles); Wax based finishing. |
| Installation system | Glued |

TECHNICAL DATA

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| Length and width | EN ISO 24342 | 600 x 300 mm ± 0.4 % |
| Overall thickness | ISO 7322 | 3 mm ± 0.2 mm |
| Squareness Straightness | EN ISO 24342 | < 0.4 mm < 0.3 mm |
| Apparent density | ISO 7322 | 290 Kg/m ³ |
| Mass per unit area | EN ISO 23997 | 870 g/m ² ± 10 % |
| Tensile strength | ISO 7322 | > 700 kPa |
| Compression Recuperation | ISO 7322 | < 40 % > 75 % |
| Dimensional variation | EN ISO 23999 | < 0.4 % |
| Moisture content | EN 12105 | < 8 % |
| Curling | EN ISO 23999 | < 6 mm |
| Reaction to fire | EN 13501-1 | Fire class E |
| Formaldehyde emission | EN 12149 | Below Detection Limit No formaldehyde-containing products are added during the manufacturing. |

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| Heavy metals and specific elements Arsenic; Barium; Cadmium; Chromium; Mercury; Lead; Antimony; Selenium | EN 12149 | Fulfilled None of these substances are added or have come in direct contact with the product during the manufacturing process |
| Release of vinyl chloride monomer | EN 12149 | Fulfilled. Below Detection Limit |
| Thermal resistance Thermal conductivity | EN 12667 | 0.06 (m ² .K)/W 0.05 W/(m.K) |
| Sound absorption | ISO 354 | Weighted sound absorption coefficient $\alpha_w = 0.05$ |
| GENERAL DATA | | |
| Features | Safe and easy to handle and install; Effective reduction of airborne sound; Increases the thermal comfort; Persistence of characteristics along time; Without the release of toxic gases when burning; Lightweight, flexible and odourless; No harmful chemicals; Natural, biodegradable and recyclable product; | |
| Packaging | DECODALLE tiles are packed in cardboard cartons, each containing 8 packs wrapped in shrinking foil, providing suitable protection for normal transport and storage conditions. Cartons are identified by a label and/or inkjet printing and palletized. Each pallet is over strapped and wrapped with stretch film. Tiles per carton: 88 Sqm per carton: 15.84 m ² Weight per carton: 12 Kg Cartons per pallet: 42 Sqm per pallet: 665.3 m ² | |
| Lifetime limited warranty | We certify that the product is free from manufacturing and structural defects and will remain free of these defects. | |
| Environment | The use of a natural and renewable raw-material and the possibility of total recycling of the product, make DECODALLE a reference in terms of ecology and environmental sustainability. DECODALLE tiles are made using more than 90% cork, which is a renewable raw material. It contains no PVC and no softeners or other substances hazardous to health or the environment. | |



EN 15102:2011

GRANORTE reserves the right to make changes to material and structure to improve the quality or technical performance.