



ECORIUM TILE

GLUEDOWN LEATHER & CORK FLOOR TILES – AQUA2K+ FINISH

TECHNICAL SPECIFICATION

GENERAL DEFINITION AND PRODUCT COMPOSITION			
Definition	4 mm thickness tiles consisting of a high-density surface layer of compressed natural recycled leather and a back layer of high-density agglomerated cork. The surface made of bonded leather is embossed and coloured with different designs and coated with a high-wearing waterbased finish.		
Dimensions	600 x 450 x 4 mm		
Finish	AQUA2K+ Waterbased high performance multilayer coating, with very low VOC content and high wear, impact and chemical resistance.		
Product structure			
	Finish layer: AQUA2K+ multilayer finish. Top layer: 2 mm thickness high-density recycled leather. Backing layer: 2 mm thickness high-density agglomerated cork. Edges: Square edges		
Installation	Glued, according to installation instructions. Contact adhesion recommended - both the backing of the tiles and the subfloor must be coated with suitable contact adhesive.		
TECHNICAL DATA			
Classification	 	EN ISO 10874	Domestic 23. Residential areas with high traffic Commercial 31. Public areas with low or intermittent traffic
Length and width		EN ISO 24342	600 x 450 mm ± 0.2%
Overall thickness		EN ISO 24346	4 mm ± 0.15 mm
Apparent density		ISO 3850	> 750 Kg/m ³



DELIVERING NATURE

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Mass per unit area		EN ISO 23997	3300 g/m ² ±10%
Squareness and Straightness		EN ISO 24342	< 0.4 mm
Curling		EN ISO 23999	≤ 4 mm
Dimensional stability		EN ISO 23999	< 0.3 %
Residual indentation		EN ISO 24343-1	< 0.3 mm
Castor chair		EN ISO 4918	No disturbance to the surface other than slight change in appearance and no delaminating shall occur
Simulated movement of a furniture leg		EN ISO 16581	No damage shall be visible when tested with foot type 2
Abrasion resistance		EN 14354	> 2500 rev
Impact resistance (small ball)		EN 438-2	> 40 N
Scratch resistance		EN 438-2	Rating 2 (2.0 N)
Impact noise reduction		EN ISO 10140-3	ΔL _w = 14 dB
Thermal resistance		EN 12667	0.06 m ² .K/W
Light fastness		EN ISO 105-B02	6 (blue scale)
Slip resistance		EN 13893	Technical class DS dynamic coefficient of friction μ > 0.30
Reaction to fire		EN 13501-1	Class Cfl-s1
Formaldehyde emission		EN 14041	No formaldehyde-containing materials are added during production.
VOC emission		ISO 16000 parts 3, 6, 9 GreenGuard	Fulfilled AgBB scheme Fulfilled French Classification A+ Fulfilled GreenGuard Gold



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GENERAL DATA	
Features	Safe and easy handling; Easy to install and maintain; High elasticity; Stability; Odourless; Water resistant; Persistence of characteristics along time; High fire resistance, without the release of toxic gases; No harmful chemicals; Natural, biodegradable and recyclable product, made using raw materials from sustainable sources.
Packaging	Floor tiles are dispatched in cardboard packages, providing suitable protection for normal transport and storage conditions. Packages are identified by a label and/or inkjet printing and palletized. Each pallet is over strapped and wrapped with stretch film. 22 tiles/carton; 5.94 m ² per carton; 44 cartons per pallet; 261.4 m ² per pallet. Weight per carton: 20 Kg.
Underfloor heating	Suitable for hot-water and electrical underfloor heating. The recommended maximum surface temperature is 28°C. The specific installation instructions for underfloor heating must be observed.
Limited warranty	We certify that the product is free from manufacturing and structural defects and will remain free of these defects. We guarantee that the surface finish will not wear through within 10 years (Residential) or 5 years (Commercial), under normal residential or commercial use and with proper maintenance. <i>Note: The specific warranty terms and conditions must be observed. For warranty conditions, see www.granorte.com.</i>
Environment	ECORIUM TILE floor tiles are made from more than 80% recycled natural and renewable raw materials – leather and cork. Contains no PVC, no plasticizers or other substances hazardous to health or environment.



FSC® certified products are available upon request

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