

who we are

and what we do

GRANORTE is a Portuguese family company, founded in 1972 to recycle the cork waste from the wine cork stoppers manufacturing industry. From the beginning we have dedicated our attention to product research and development, resulting on innovative production processes and technical excellence.

Our significant know-how in cork allowed us to develop into an expanding producer of technical solutions using cork. Today, GRANORTE is a leading sustainable flooring manufacturer, producer of thrilling environmentally responsible products, exporting to more than 40 countries around the world. One tradition was kept unchanged however: the quiet revolutionary way of promote ongoing, consistent, breakthrough creativity. This innovation culture and teamwork encouraging have been the basis of our success.

how we do it

It is our belief that only through QUALITY we will give to our customers the product they require and to cork the value it deserves. Our mission is to lead in the design, development and manufacture of the industry's most advanced cork products, exceeding our customers' expectations in quality, service and value. All our attention is focused on the success of our customers, offering a complete and technologically advanced product range and customized solutions, while maintaining superior customer service standards, delivering on time, every time. The Innovation capability and high standard of customer service have become GRANORTE's main trade mark.











cork, a renewable resource

Cork is the outer bark of the cork oak tree, which grows mainly in the Mediterranean region of the world. This tree has a life span of about 200 years. Each cork tree must be 20 to 25 years old before it can provide its first harvest of cork. After extracting the cork a new layer starts generating and nine years have to pass until a new harvest can take place. The cork harvesting is made in a sustainable manner and does not harm the tree which is never cut down or removed.

With the increasing concern for the environment, cork oak remains the only tree whose bark can regenerate itself after harvest leaving the tree unharmed. It is truly, a renewable, environmentally friendly resource. Furthermore, the cork oak tree has the remarkable capacity to retain carbon and a harvested cork tree fixates almost five times more carbon. This exceptional characteristic makes cork a naturally sustainable product and its use contributes to the preservation of a unique habitat in the world.



environmental commitment

GRANORTE recognizes that business leadership carries a responsibility to the environment and the world's forests. We contribute to the development of environmental solutions that conserve, protect and restore forests, supporting responsible forest management practices that both protect biodiversity and ecosystem integrity and result in long-term social and economic benefits to human communities.

Further to the Chain-of-Custody certification through FSC® and PEFC of our factory, we have established the following policy commitments to ensure the sustainability of our business and to promote the development of the markets for environmentally responsible forest products:

- 1. GRANORTE will give purchasing preference to wood and/or cork raw material from forests managed in a responsible way, preferably certified to FSC® or PEFC or a credible alternative standard.
- 2. GRANORTE will work with its suppliers to eliminate the purchase of wood and/or cork from endangered forests.
- 3. GRANORTE will ensure that its suppliers of wood and cork raw materials are in compliance with laws and regulations pertaining to their operations and that they are supplying legally and sustainably purchased wood and/or cork.
- 4. GRANORTE will ensure that the supply of forest raw material does not come from controversial sources such as:

Forests operated illegally or in violation of civil and traditional rights;

High Conservation Value Forests threatened by management activities;

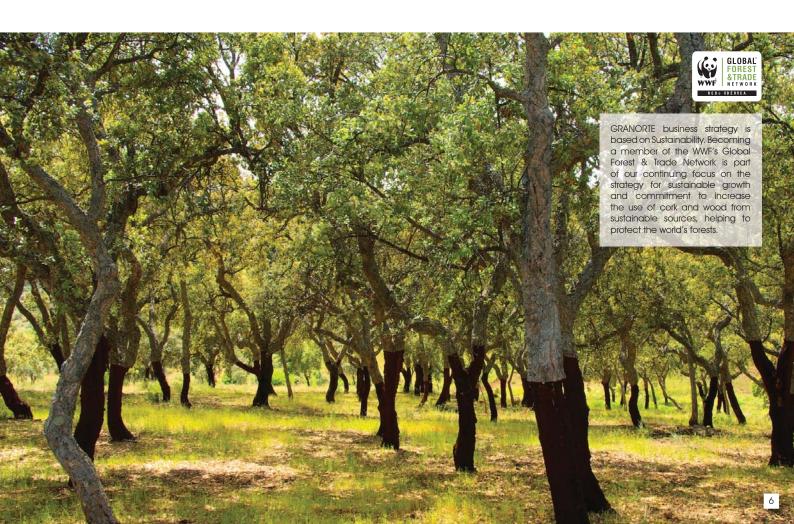
Forests in the process of conversion to plantations or non-forest use;

Forests where trees are genetically modified;

5. GRANORTE will practice and promote the efficient and responsible use of wood and cork raw materials.







why cork floors

Naturally sustainable alternative - Cork can be harvested from the same tree for about two hundred years and every harvested cork tree fixates between 3 to 5 times more carbon. The harvesting is made with minimal impact on the environment and no trees are cut down to bring you this product. Cork is the perfect environmentally friendly, renewable and sustainable material.

Comfort - Cork, as a natural product, warms and enriches any interior. With over 40 million natural "cushion cells" per cubic centimeter, cork is a natural sound and thermal insulator. Cork floors are beautifully quiet and comfortable underfoot, warm and pleasant to the touch.

Safety - Cork floors do not absorb dust and are resistant to bacteria and fungus. They do not cause allergies nor pose a risk to asthma sufferers. Adhesives and finishing products used in the manufacturing of cork floors are formaldehyde-free and Volatile Organic Compounds (VOC) emissions are not detectable.

Durability and easy maintenance - GRANORTE's advanced coating technology gives cork floorings a highly resistant and long-lasting protection even in high traffic environments. Due to the special factory finish, cork floors are not only durable but they require only minimal maintenance.

The list of benefits of GRANORTE cork floors really surprised me. The designs are eye-catching, it's comfortable underfoot, durable, and is the healthiest choice in floorings.



what's so special about our floors

As a result of our innovative thinking, our cork floating floors were the first to introduce many of today's "standard" features and they have exclusive characteristics:

Superior installation system GRANORTE was one of the first to present the industry's leading

UNICLIC® profile in cork floatings.

Superior joint protection Application of a moisture-repellent agent to the cross-section of the

profile.

Better Surface Protection GRANORTE was the first to present a multi-layer nano-technology finish

in cork floatings.

Highest grade fiberboard The fiberboard used as the core layer complies with CARB phase II

and has a higher density and resistance to moisture.

Unique design GRANORTE was the first to present the narrow plank and the beveled

edges in cork floatings. Furthermore, we have the biggest selection of

patterns, textural effects, colors and finishes of the industry.

Lowest VOC's content GRANORTE is the only producer with cork floatings approved

GREENGUARD® Children & Schools.

Highest safety GRANORTE is the only producer using MICROBAN® antimicrobial

protection in cork floatings.



Patented glueless fixing system for floor panels.



Embedded antibacterial and fungus protection using Microban® antibacterial technology.



Nano-Tech High Performance Finish with very high wear, impact, scratch and slip resistance.



Wear enhancement technology by embedding micro ceramic beads into the vinyl wear layer.



Waterbased two component finish with very high wear and impact resistance with a natural look-and-feel.



Indoor air quality certification for low-emitting interior building materials.



Hard cured oil finish for a natural wax-oil look-and-feel.



Kork-Logo certification of the German Cork Association.



Low swelling and moisture resistant High Density Fibreboard.



International symbol used to identify products made of genuine cork



Edge impregnation for improved moisture resistance.



Formaldehyde-free agglomeration technology.



Micro-bevelled edge aesthetic enhancement.



Certification for safety and energy-saving performance





Cork Floating Floors 910 x 300 x 10,5 mm FSC® certified





Emotions

Designed with an innovative textured surface effect, Emotions range features style and beauty. With a fabulous assortmentof designs, textures and colours, the Emotions collection provides the perfect solution to create luxurious interior decoratingstyles from modern to traditional.















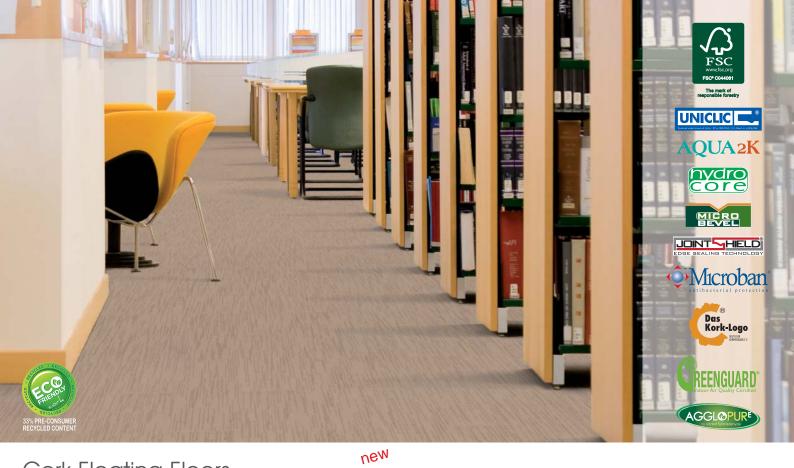




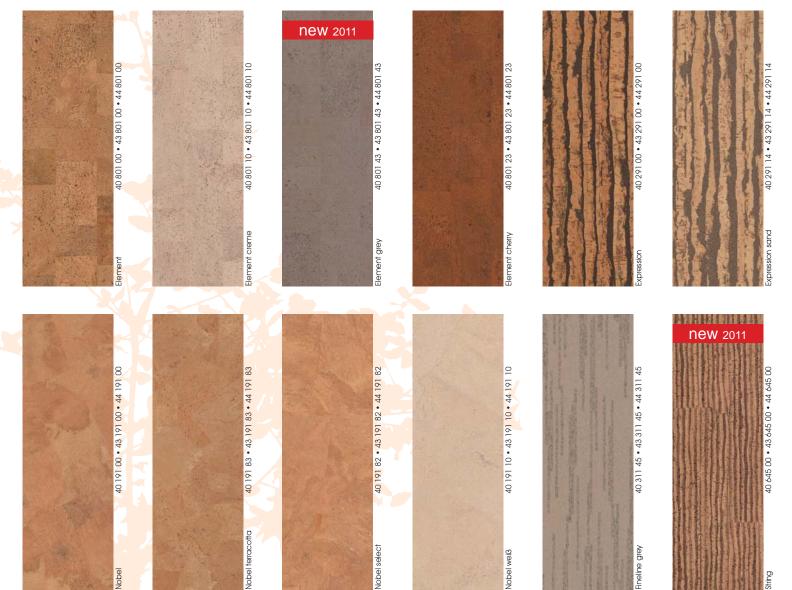








Cork Floating Floors 910 x 300 x 10,5 • 1164x 194 x 10,5 • 388 x 388 x 10,5 mm FSC® certified





studio

it is the cork floating floor revolution. This means freedom to choose between planks, narrow panels and tiles that can be used and fitted together. With cuttingedge appearance and a wide range of possibilities, STUDIO collection is the cork flooring of the future, available today.





GRANORTE cork floors are indeed beautiful. I've loved to see the look on my friends faces when they saw my cork flooring for the first time. Furthermore, it just feels good to have such an environmentally friendly material at home.







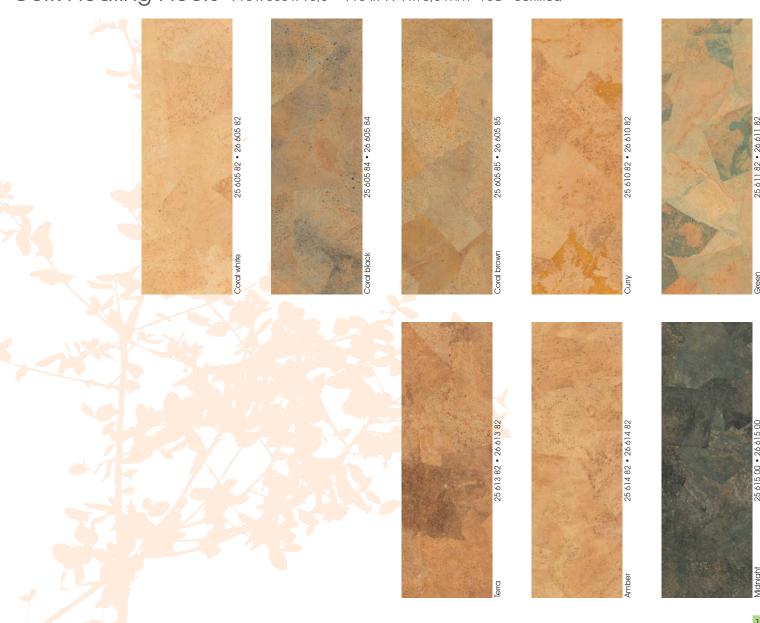








Cork Floating Floors 910 x 300 x 10,5 • 1164x 194 x 10,5 mm FSC® certified





Вьоом

A cork floor with character. The surface decors, entirely made of hand veneered natural cork, features an exclusive and innovative combination of colour and textures. With an audacious appearance and a fabulous assortment of styles, the BLOOM collection grants an extravagant and individual note to each room.



BLOOM is a floor like no other. You won't find the same annoying artificial repeat pattern on this floor because it is natural, no two planks are alike. With a unique texture, striking design and environmental benefits, it adds personality to our home.











Cork Floating Floors 910 x 300 x 10,5 mm FSC® certified











ambient

An exceptionally emotional floor naturally textured and oiled finished. AMBIENT range of floors offers satisfying environmental and performance benefits while retaining the beautiful structure and warm touch of natural cork.



As cork is hypoallergenic it was the best choice for our kid's room. It's cool in summer, warm in winter and always feels wonderful on bare feet. All in all, cork floors are a great solution if you're looking for green flooring.





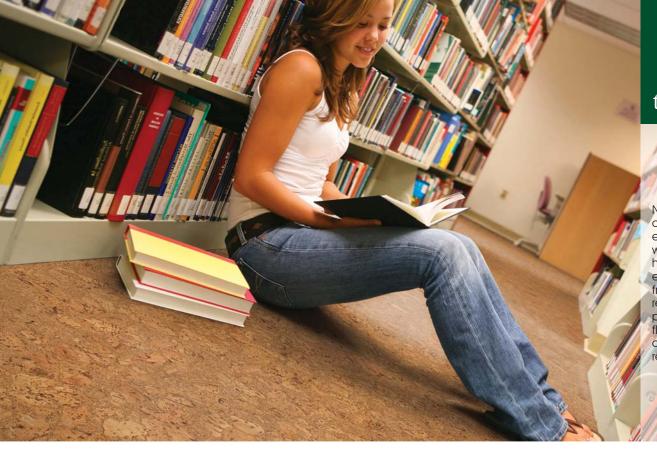






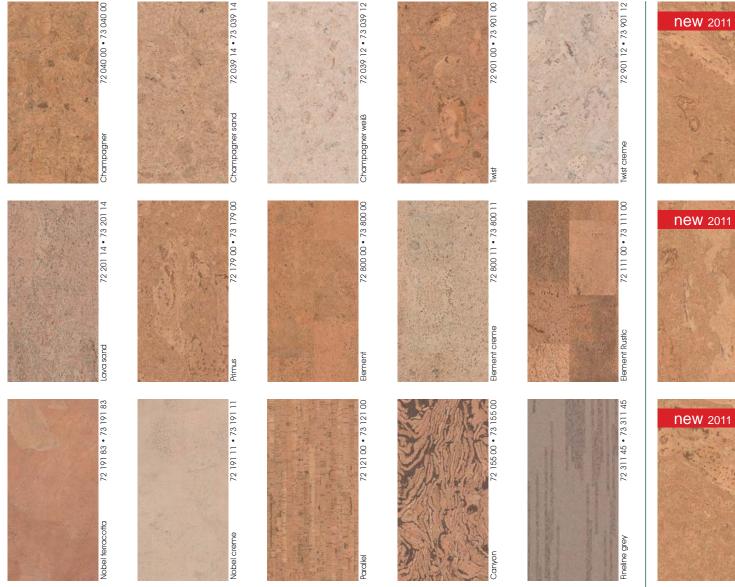
Cork Floor Tiles 600 x 300 x 4 • 300 x 300 x 4 • 600 x 450 x 4 mm





tradition

Naturally stylish, silent and comfortable yet easy to maintain, water resistant, hard-wearing and environmentally friendly. The remarkable native properties of cork floor tiles will create a warm, quiet and relaxing ambience.



80 794 00



Recycled Leather & Cork Floating Floors 910 x 194 x 10,5 • 610 x 388 x 10,5 • 388 x 388 x 10,5 mm

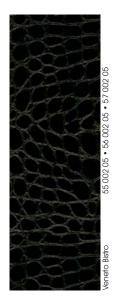




orium

Corium Leather Floors set a new landmark in room design with sustainable materials. The surface is made of 100% recycled genuine leather and the use of cork - a renewable resource enhances the feeling of comfort, warmth and quietness. CORIUM floors are sophisticated, with plenty of personality and detail, synonymous for luxury and glamour.

FSC® certified



I'm completely in love with my new CORIUM leather floor! It's just beautiful, unique, durable and eco-friendly. It has a luxurious appeal from it's rich visual texture and it cleans up so easily, too.











Wood & Cork Floating Floors 1164 x 194 x 10,5 mm





HERITAGE

Natural wood means beauty. And the addition of cork creates outstandingly quiet, warm and comfortable floors. HERITAGE collection products have an exceptionally natural look, a fine texture and a unique style. With a wide selection of wood types and distinctive bevelled edges, it is an inspiring source of design.



When I walked on my new HERITAGE floor I just thought... Uauh! It's so comfortable to walk on and feels really nice. When it comes to decorating with wood, it offers a resilient alternative to traditional hardwood floors.











Vinyl & Cork Floating Floors 910 x 194 x 10,5 • 1164 x 194 x 10,5 mm FSC® certified





VinylCork

Vinyl flooring reinvented.
VINYLCORK distinguishes itself by the beauty of the visuals, the excellent performance of the wear layer and the innovative floating construction that adds an extra layer of cork providing an improved comfort and acoustic insulation.















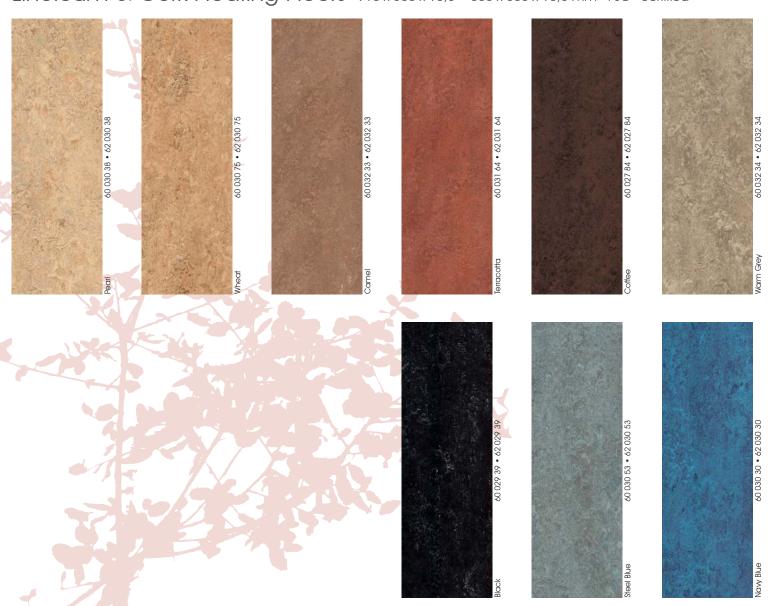








Linoleum & Cork Floating Floors 910 x 300 x 10,5 • 300 x 300 x 10,5 mm FSC® certified





LINOCORK

Linoleum is made of natural and renewable raw materials (linseed oil, wood or cork powder, resins and ground limestone). Linoleum's long life span and its vivid marbled pattern and colours combine the need for comfort, durability and beauty.











product overview

UNICLIC **Emotions** 1 • Top-quality "WEARTOP-ARMOUR" UV cured finish, with texture effect 2 • High-density natural cork surface 3 mm tickness Moisture resistant, high-density fibreboard (880kg/m³) 6 mm thickness All around JointShield® edge sealing system 5 • Integrated cork underlay 1,5 mm thickness with Microban® antibacterial protection studio 1 • High-quality "AQUA2K" 2 component waterborne finish 2 • High-density natural cork surface, 3 mm thickness 3 • Moisture resistant, high-density fibreboard (880kg/m³) 6 mm thickness 4 • All around JointShield® edge sealing system 5 • Integrated cork underlay 1,5 mm thickness with Microban[®] antibacterial protection Вьоом 1 • Top-quality "WEARTOP-ARMOUR" UV cured finish, with texture effect 2 • High-density natural cork surface 3 mm thickness Moisture resistant, high-density fibreboard (880kg/m³) 6 mm thickness A All around JointShield® edge sealing system 5 • Integrated cork underlay 1,5 mm thickness with Microban® antibacterial protection ambient 1 • Hard-oil finish 2 • High-density natural cork surface 3 mm tickness 3 • Moisture resistant, high-density fibreboard (880kg/m³) 6 mm thickness 4 • All around JointShield® edge sealing system 5 • Integrated cork underlay 1,5 mm thickness with Microban® antibacterial protection tradition 1 • Solid homogeneous cork tile VENEERED: Cork veneer 2 • agglomerated cork backing *(Orium)* 1 • High-quality "AQUA2K" 2 component waterborne finish 2 • Genuine recycled leather 2,5 mm thickness 3 • Micro-bevelled edges 4 • Moisture resistant, high-density fibreboard (880kg/m³) 6 mm thickness 5 • Integrated cork underlay 1,5 mm thickness with Microban® antibacterial protection HERITAGE 1 • High-quality "AQUA2K" 2 component waterborne finish 2 • Real wood veneer, 0,6 mm thickness 3 • Micro-beveled edges 4 • High-density agglomerated cork layer, 2,2 mm tickness 5 • Moisture resistant, high-density fibreboard (880kg/m³) 6 mm thickness 6 • Counter balance wood sheet 0,5 mm thickness 7 • Integrated cork underlay 1,2 mm thickness with Microban[®] antibacterial protection VinylCork 1 • 2mm thickness luxury vinyl (0,33 mm wear layer) with intregrated "micro-ceramic" technology and antibacterial protection 2 • Agglomerated cork sound insulation, 1mm thickness 3 • Moisture resistant, high-density fibreboard (880kg/m³) 6 mm thickness 4 • All around JointShield® edge sealing system 5 • Integrated cork underlay 1,5 mm thickness with Microban® antibacterial protection LINOCORK 1 • 2 mm thickness linoleum layer, with Topshield™ protection 2 • Agglomerated cork sound insulation 1 mm thickness 3 • Moisture resistant, high-density fibreboard (880kg/m³) 6 mm thickness 4 • All around JointShield® edge sealing system 5 • Integrated cork underlay 1,5 mm thickness with Microban® antibacterial protection

CECAMIC enhanced wear layer	CORESEALING TECHNOLOGY	(Microban antibaccertal protection	AGGLOPURE	MICRO	RENGUARD®	Bas Kork-Logo		Residential	Commercial	Residential Man	Commercial	Residential Intervential	Commercial	irtetime Werend arverual	300 x 300mm	600 x 300mm	600 x 450mm	910 x 300mm	910 x 194mm	1164 x 194mm	610 x 388mm	388 x 388mm
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technical data

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Level of use	Standard	Unit									
Domestic	EN 685	Class					23				
Commercial	EN 685	Class	31	31	31		31	31	31	32	32
General Properties	Standard	Unit									
Dimensions	EN 427	mm	910 x 300	910 x 300 1164 x 194 388 x 388	910 x 300 1164 x 194	910 x 300	600 x 300 300 x 300	910 x 194 610 x 388 388 x 388	1164 x 194	910 x 194 1164 x 194	910 x 300 300 x 300
Thickness	EN 428	mm	10,5	10,5	10,5	10,5	4	10,5	10,5	10,5	10,5
Squareness	EN 427	mm	< 0,3	< 0,3	< 0,3	< 0,3	< 0,3	< 0,3	< 0,3	< 0,3	< 0,3
Straightness	EN 427	mm	< 0,2	< 0,2	< 0,2	< 0,2	< 0,2	< 0,2	< 0,2	< 0,2	< 0,2
Apparent density	EN 672	Kg/m³	745	745	745	745	500	840	780	910	850
Mass per unit area	EN 430	g/m²	7800	7800	7800	7800	2000	8800	8200	9600	8900
Flatness of the panel Length concave/convex Width concave/convex	EN 14085 /A	% %	< 0,1 / 0,5 < 0,05 / 0,1	< 0,1 / 0,5 < 0,05 / 0,1	< 0,1 / 0,5 < 0,05 / 0,1	< 0,1 / 0,5 < 0,05 / 0,1		< 0,1 / 0,5 < 0,05 / 0,1	< 0,1 / 0,5 < 0,05 / 0,1	< 0,1 / 0,5 < 0,05 / 0,1	< 0,1 / 0,5 < 0,05 / 0,1
Opening between panels	EN 14085 /B	mm	< 0,1	< 0,1	< 0,1	< 0,1		< 0,1	< 0,1	< 0,1	< 0,1
Height difference between panels	EN 14085 /B	mm	< 0,15	< 0,15	< 0,15	< 0,15		< 0,15	< 0,15	< 0,15	< 0,15
Residual indentation	EN 433	mm	< 0,25	< 0,25	< 0,25	< 0,25	< 0,25	< 0,25	< 0,25	< 0,25	< 0,25
Dimensional stability	EN 669 / EN 434	%	< 0,15	< 0,15	< 0,15	< 0,15	< 0,2	< 0,15	< 0,15	< 0,15	< 0,15
Safety Properties	Standard	Unit									
Reaction to fire	EN 13501-1	Class	D _{fl} -S1	D _{fl} -S1	D _{fl} -S1	D _{fl} -S1	C _{fl} -S1	D _{fl} -S1	C _{fl} -S1	B _{fl} -S1	D _{ff} -S1
Formaldehyde emission	EN 717-1/2	Class	E1	E1	E1	E1		E1	E1	E1	E1
Slip resistance	EN 14041	Class	DS	DS	DS	DS	DS	DS	DS	DS	DS
Sliding coefficient	EN 13893	Coefficient	> 0,7	> 0,7	> 0,7	> 0,7	> 0,7	> 0,7	> 0,7	> 0,7	> 0,7
Additional Properties	Standard	Unit									
Thermal resistance	EN 12667	m².K/W	0,114	0,114	0,114	0,114	0,062	0,099	0,101	0,112	0,110
Thermal conductivity	EN 12667	W/m.K	0,092	0,092	0,092	0,092	0,065	0,106	0,104	0,094	0,095
Impact noise reduction	ISO 140-8	dB	18	18	18	18	18	17	17	17	17
Wear resistance	EN 14354 EN 660-2	Nr. Cycles g/100 Cycles	8000 0,004	7000 0,004	8000 0,004	0,005		7000 0,004	8000 0,004	0,005	
Scratch resistance	EN 438	N	2,0	2,0	2,0	2,0		2,0	2,0		
Impact resistance (small ball)	EN 438	N	> 60	> 90	> 60	> 60		> 90	> 40		
Static electrical charge	EN 1815	kV	< 2,0 (antistatic)	< 2,0 (antistatic)	< 2,0 (antistatic)	< 2,0 (antistatic)	< 2,0 (antistatic)	< 2,0 (antistatic)	< 2,0 (antistatic)	< 2,0 (antistatic)	< 2,0 (antistatic)

All GRANORTE floors are easy to maintain. However, as any kind of floor, it requires continuous and proper cleaning and care so that the surface protection and the attractive appearance of the floor are maintained.

Preventive care

The floor must be kept clean. Never use cleaning products with abrasive ingredients or solvent based.

Furniture legs should have protective pads to avoid scratches. Furniture and other heavy objects must be placed carefully. A doormat should be laid inside the front door to help protect against dirt and sand.

Chair castors should be of type W (soft). For additional protection, polycarbonate mats under castor chairs should be used. Avoid sharp or pointed objects with concentrated weight such as high heels on your cork floor.

Prolonged contact of plasticizer-containing material (e.g. rubber, latex, plastics...) with the varnish may cause non-reversible stain of the floor.

Cork is a natural product and may tend to fade when exposed to sunlight over long periods of time. Use blinds or curtains to prevent cork fading by direct solar radiation.

Cleaning

GRANORTE floorings must be cleaned regularly with a mop, hair broom or vacuum cleaner. Dust and dirt behave like sanding paper and are thus to be removed immediately. If necessary (heavier soiling) the floor can be damp-mopped using an appropriate cleaning product.

Maintenance

Maintenance caring can become necessary from time to time to refresh the protective layer. First clean your floor and then apply a thin layer of a recommended maintenance product.

Please observe the particular maintenance instruction for your floor. For the correct use follow the instructions on the packaging labels of each product, as well as the information from technical data sheets.

Attention

GRANORTE floorings are made with high quality, natural materials and should be handled accordingly. In spite of all due care given during manufacturing, there will be variations in appearance (colour, gloss, and texture). This should be verified before laying the floor, distributing the tiles/planks in a way that variations are not striking.

Cork (as wood) may change colour when exposed to sunlight over long periods of time.

Although every effort has been made to ensure accuracy during the production of this catalogue, GRANORTE disclaims potential product changes and possible print errors. The product photos may not accurately match the real colour and texture of the finished product.

















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