

# dekwall



Flores White

## Green ID



**90% of renewable, recycled and natural materials**

90% de materiales renovables, reciclados y naturales  
 90% de materiais renováveis, reciclados e naturais  
 90% de matériaux renouvelables, recyclés et naturels  
 90% di materiali rinnovabili, riciclati e naturali




**PVC free**

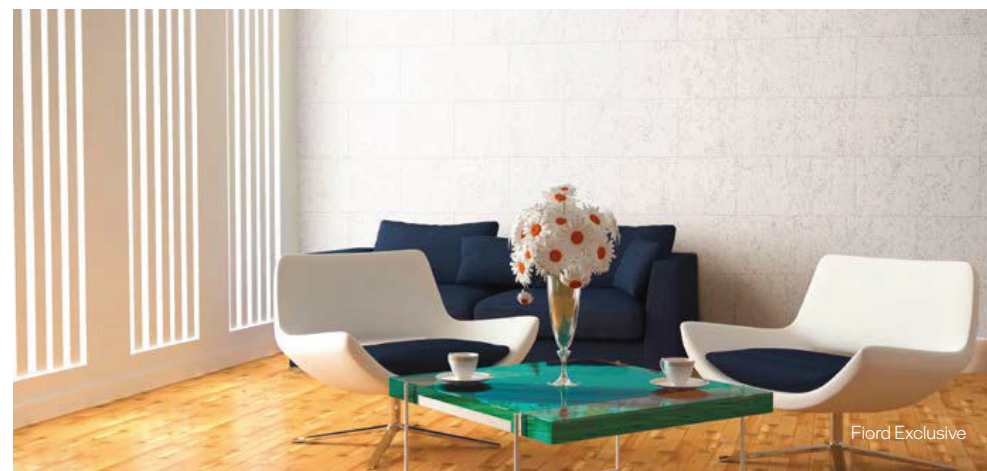
Sin PVC  
 Sem PVC  
 Sans PVC  
 Senza PVC

## PRODUCT INFORMATION

INFORMACIÓN DE PRODUCTO | INFORMAÇÃO DO PRODUTO | INFORMATION PRODUIT | INFORMAZIONI SUL PRODOTTO

<b>Dimension</b> Dimensión   Dimensão   Dimension   Dimensione	600 x 300 mm 23 1/3 x 11 2/3 in
<b>Thickness</b> Espesor   Espessura   Épaisseur   Spessore	3,0 mm 1/8 in
<b>Bevel</b> Biselado   Biselado   Chanfrein   Bisellatura	Not Beveled   No biselado   Sem biselado   Sans chanfrein   No Bisello
<b>Finishing</b> Acabado   Acabamento   Finition   Finitura	 

- 1** PROTECTIVE FINISH  
ACABADO PROTECTOR  
ACABAMENTO DE PROTEÇÃO  
FINITION DE PROTECTION  
FINITURA PROTETTIVA
- 2** GENUINE CORK VENEER  
CHAPA DE CORCHO AUTÉNTICO  
CAMADA DE CORTIÇA GENUÍNA  
PLACAGE DE LIÈGE VÉRITABLE  
VERO SUGHERO IMPIALACCOCIATO
- 3** CORK AGGLOMERATE CORE  
NÚCLEO DE AGLOMERADO DE CORCHO  
NÚCLEO DE CORTIÇA AGLOMERADA  
NOYAU D'AGGLOMÉRÉS DE LIÈGE  
NUCLEO IN AGGLOMERATO DI SUGHERO

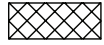


Flord Exclusive





Malta Moonlight  
81000001



Hawai Black Pearl  
81000062



Fiord Natural  
81000058



Fiord Exclusive  
81000061



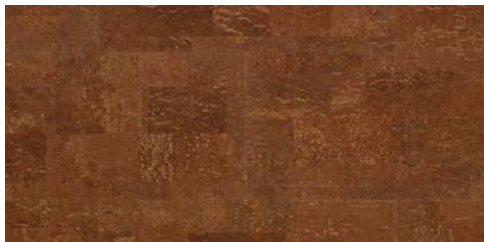
Malta Moonlight



Bamboo Artica  
81000004



Cayman  
81000080



Malta Chestnut  
81000066



Melville  
81000071



Bamboo Artica





Hawai Natural  
81000057



Stone Art Oyster  
81000102



Stone Art Pearl  
81000104



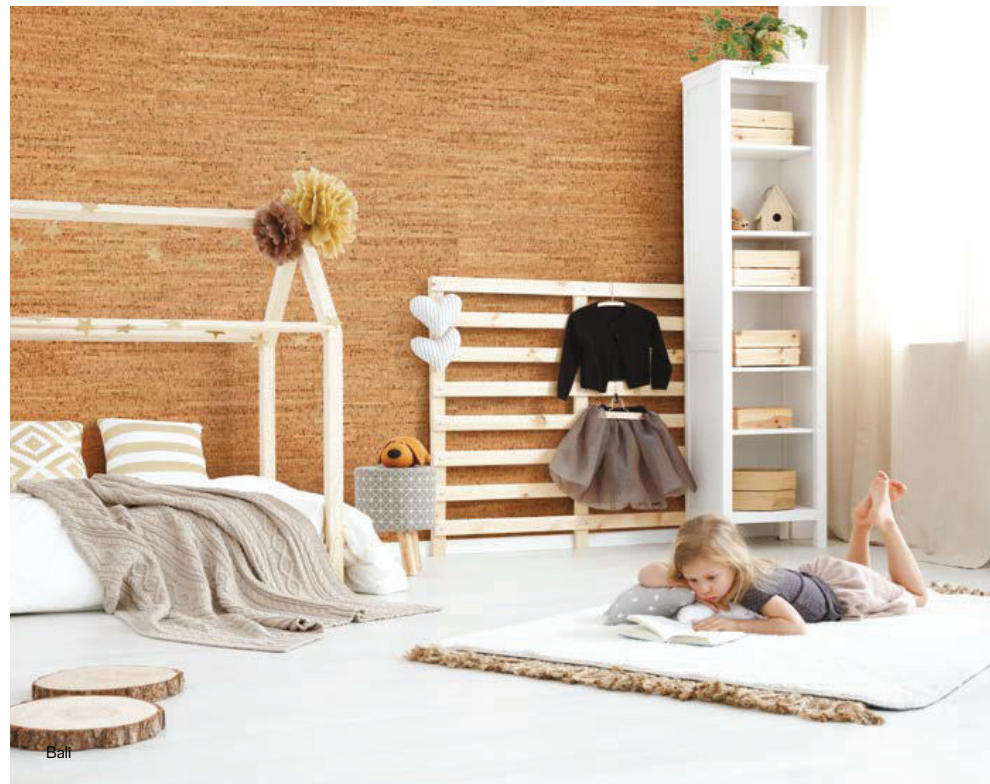
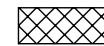
Hawai Exclusive  
81000087



Hawai Natural



Bali  
81000074




Bali


# CERTIFICATIONS


CERTIFICACIONES CERTIFICAÇÕES CERTIFICATIONS CERTIFICAZIONI


	<b>cork</b> inspire 700 HRT	<b>cork pure</b>	<b>wood</b> inspire 700 SRT	<b>dekwall</b>
	✓	✓	✓	✓
	●	✓	●	●
	✓	✓	✓	✓
	✓	✓	✓	✓
	✓	✓	✓	●
	✓	✓	✓	●
	✓	✓	✓	✓
	●	✓	✓	●
	7	7	7	-
	8	8	8	-


**CE**

 CE marking indicates conformity with health, safety and environmental standards for products sold within the European Economic Area (EEA).


 La marca CE indica la conformidad con los estándares de salud, seguridad y medio ambiente para los productos vendidos dentro del Espacio Económico Europeo (EEE).


 A marcação CE indica conformidade com os padrões de saúde, segurança e meio ambiente para produtos vendidos no Espaço Económico Europeu (EEE).


 Le marquage CE indique la conformité aux normes de santé, de sécurité et d'environnement pour les produits vendus dans l'Espace économique européen (EEE).


 La marcatura CE indica la conformità agli standard di salute, sicurezza e ambiente per i prodotti venduti all'interno dello Spazio economico europeo (SEE).


**FRENCH REGULATION ON VOC EMISSIONS**

 French certification that classifies products according to their level of voc emissions. Our products have been classified at the highest level (A+).


 La certificación francesa clasifica los productos según su nivel de emisiones COV. Nuestros productos han sido clasificados en el nivel más alto (A+).


 Certificação francesa que classifica os produtos de acordo com o seu nível de emissões de COV. Os nossos produtos foram classificados no nível mais alto (A+).


 Dans le cadre de la certification française qui classe les produits en fonction de leur niveau d'émissions de COV, Nos produits ont été classés dans la catégorie la plus haute (A+)


 Certificazione francese che classifica i prodotti in accordo con i loro livelli di emissione di VOC. I nostri prodotti sono classificati al livello più alto (A+)


**TÜV-PROFICERT**

 Tüv-Proficert is a transnational certificate for voc-emission and air quality, certifying that a product complies with different national regulations


 Tüv-Proficert es un certificado transnacional de emisión de COV y calidad del aire, que certifica que un producto cumple con diferentes normativas nacionales.


 Tüv-Proficert é um certificado transnacional para emissão de voc e qualidade do ar, certificando que um produto está em conformidade com diferentes regulamentações nacionais


 Tüv-Proficert est un certificat transnational pour les émissions de COV et la qualité de l'air, certifiant qu'un produit est conforme aux différentes réglementations nationales


 Tüv-Proficert è un certificato transnazionale per l'emissione di voc e la qualità dell'aria, che certifica che un prodotto è conforme a diverse normative nazionali.


**BLUE ANGEL**

 Voluntary certification that follows strict environmental standards and is recognized as a reference guide for a more sustainable way of life.


 Certificación voluntaria que sigue estrictos estándares ambientales y es reconocida como una guía de referencia para una forma de vida más sostenible.


 Certificação voluntária que segue rígidos padrões ambientais e é reconhecida como um guia de referência para um estilo de vida mais sustentável.


 Une certification volontaire qui suit des normes environnementales strictes et est reconnue comme un guide de référence pour un mode de vie plus durable.


 Certificazione volontaria che segue rigorosi standard ambientali ed è riconosciuta come guida di riferimento per uno stile di vita più sostenibile.


**GREENGUARD CERTIFICATION**

 North-american certification that identifies products that have low chemical emissions, improving the air in which they are used. Our products are awarded with the GOLD certification.

 Evaluación independiente de terceros que informa datos ambientales de productos en función de su evaluación del ciclo de vida.

 Avaliação independente de terceiros que relata dados ambientais de produtos com base em sua avaliação de ciclo de vida.

 Évaluation indépendante tierce qui rapporte les données environnementales des produits sur la base de leur évaluation du cycle de vie.

 Valutazione indipendente di terze parti che riporta i dati ambientali dei prodotti in base alla loro valutazione del ciclo di vita.



# Technical data sheet

Ficha técnica | Ficha técnica | Fiche technique | Scheda tecnica

	STANDARD	UNIT / REQUIREMENT	cork pure floor & wall
Dimension (LxWxT)	-	mm	600x300x4
Mass per unit	-	Kgs / m <sup>2</sup>	2,166
Packaging (box / pallet)	-	m <sup>2</sup>	7,92 / 237,6
Level of use Domestic	ISO 10874	Class	23 *
Level of use Commercial	ISO 10874	Class	-

## GENERAL PROPERTIES - EN 12104

Side length Squareness and Straightness of edges for side length ≤ 400 mm / > 400 mm	EN ISO 24342	deviation from nominal: ≤ 0,2 % up to 1,0 mm maximum deviation allowed: ≤ 0,5 / ≤ 1,0	Complies
Overall thickness mm	EN ISO 24346	≥ 4,0	Complies
Apparent density average - individual results	EN ISO 23997	≥ 450 kg/m <sup>3</sup> ≥ 500 kg/m <sup>3</sup>	Complies -
Dimensional stability %	EN ISO 23999	≤ 0,25	Complies
Curling mm	EN ISO 23999	≤ 2	Complies
Residual Indentation	EN ISO 24343-1	≤ 0,4 ≤ 0,2	Complies -
Simulated movement of a furniture leg	EN 424	No damage shall be visible after testing with type 2 foot	NA

## SAFETY PROPERTIES - EN 14041

Fire resistance	EN ISO 11925-2 + EN ISO 9239-1: Class EN 13501-1	Class	Clf-s1
Slip Classification	EN 13893	Class	NA
Formaldehyde emission	EN 717-1	Class	E1
Content pentachlorophenol (PCP)	EN 12673	% mg/kg	Undetectable

## ADDITIONAL PROPERTIES

Impact sound reduction	EN ISO 10140	dB (ΔLw)	13
Walking noise	IHD-W431	dB %	Reduction improvement 15,3 dB Difference of loudness 65%
Thermal resistance	EN 12667 / ISO 1957	(m <sup>2</sup> K)/W	0,15
Thermal resistance (Thermal conductivity)	EN ISO 10456	m <sup>2</sup> K/W	-
Stains Resistance	ISO 26987(a)	Grade	Grade 0 - Unchanged

\* This product is offered unfinished, this means we can not specify a class of use neither properties related with wear layer performance. To be finish on site.

STANDARD - TEST METHOD	UNIT	dekwall	
Dimension (LxWxT)	EN 427	mm	600 ± 0.5% 300 ± 0.5%
Mass per unit	-	Kg/sqm	0,95
Packaging (box / pallet)	-	sqm	5,94 / 213,84
Squareness	EN 427	mm	600: < 1,0mm 300: < 0,5mm
Thickness	ISO 7322	mm	3,0 ± 0,3%
Apparent density	EN 672	Kg/m <sup>3</sup>	≥ 200
Dimensional stability	EN 434	%	3,0 ± 0,3%
Curling	EN 434	MM	≤ 6
Moisture content	EN 12105	%	≤ 7
Formaldehyde	EN 12149, method C	mg/Kg	≤ 95
Vinyl chloride monomer (VCM)	EN 12149, TEST B	mg/Kg	≤ 0,2
Thermal resistance	EN 12667	m <sup>2</sup> K/w	0,0572 (Varnished) 0,0583 (Waxed)
Reaction to fire	EN 15102: 2007	Class	E
Sound absorption	ISO 354	αw	0,1
Release of heavy metals and specific elements	EN 12149		fulfilled



	STANDARD	UNIT / REQUIREMENT	inspire 700 cork wood
Dimension (LxWxT)	-	mm	1225x190x7 (cork HRT) 1225x190x7,3 (wood SRT)
Mass per unit	-	Kgs / m <sup>2</sup>	7,40 (cork HRT) 7,23 (wood SRT)
Packaging (box / pallet)	-	m <sup>2</sup>	1,862 / 81,928
Level of use Domestic	ISO 10874	Class	23
Level of use Commercial	ISO 10874	Class	33
Level of use Light Industrial	(*)	Class	-

## GENERAL PROPERTIES

EN 16511

Thickness, t -	ISO 24337 ISO 24346	Δtavg ≤ 0,50 mm, relative to nominal value / tmax - tmin ≤ 0,50 mm nominal value + 0,13 / - 0,10	Complies -
Length, l	ISO 24337 ISO 24342	≤ 1500 mm: Δl ≤ 0,5 mm / > 1500 mm: Δl ≤ 0,3 mm/m ≤ 0,15 %	Complies
Width, w	ISO 24337	Δwavg ≤ 0,10 mm, relative to nominal value / wmax - wmin ≤ 0,20 mm ≤ 0,10%	Complies -
Squareness, q	ISO 24337	max ≤ 0,20 mm ≤ 0,25 mm	Complies -
Straightness, s	ISO 24337	max ≤ 0,30 mm/m ≤ 0,25 mm	Complies -
Openings, o	ISO 24337	max ≤ 0,20 mm	Complies
Height difference, h	ISO 24337	hmax ≤ 0,15 mm	Complies
Flatness of the panel (Length - concave / convex)	ISO 24337	concave ≤ 0,50 % / convex ≤ 1,0 %	Complies
Flatness of the panel (Width - concave / convex)	ISO 24337	concave ≤ 0,15 % / convex ≤ 0,20 %	Complies
Curling	EN ISO 23999:2018	≤ 2mm	-
Light Fastness	ISO 105-80:2014	Blue Scale > 6	-

## CLASSIFICATION PROPERTIES - EN 16511

Wear resistance IP	EN 15468, procedure B	≥ 5 000 cycles	Complies
Impact resistance [mm] (big ball)	EN 13329:2006+A1:2008, Annex F	≥ 1 600 mm	Complies
Castor chair resistance	EN 425	25 000 cycles	Complies
Resistance to staining	EN 438-2	Groups 1 and 2; grade 5 Group 3; grade 4	Complies
Residual indentation	EN ISO 24343-1	≤ 0,2 mm ≤ 0,1 mm	Complies
Swelling	ISO 24336	%	< 1% (wood SRT)
Dimensional stability due to variation of temperature	EN ISO 23999	≤ 0,25 %	Complies
Effect of furniture leg	EN 424	-	No Visible Damage

## WEAR AND PERFORMANCE REQUIREMENTS

Abrasion resistance	EN 13329:2006+A1:2008 Annex E (Sandpaper-Method)	> 5000 cycles	-
Micro-scratch	EN 16094	≤ MSR-A2	-

## SAFETY PROPERTIES - EN 14041

Fire resistance	EN ISO 11925-2 + EN ISO 9239-1: Class EN 13501-1	Class	Blf-S1 (cork HRT) Dfl-S1 (wood SRT)
Slip Classification	EN 13893	Class	DS
Formaldehyde emission	EN 717-1	Class	E1
Content pentachlorophenol (PCP)	EN 12673	% mg/kg	Undetectable
	CEN/TR 14823:2004	mg/kg	-
Electrostatic Behaviour	EN 1815:2016	kV	-

## ADDITIONAL PROPERTIES

Impact sound reduction	EN ISO 10140	dB (ΔLw)	18 (cork HRT) 15 (wood SRT)
Walking noise	IHD-W431	dB %	Cork HRT Reduction improvement 15,1 dB. Difference of loudness 61% Wood SRT Reduction improvement 12,2 dB. Difference of loudness 54%
Thermal conductivity	EN 12667	W/(mK)	0,111
Thermal resistance	EN 12667 / ISO 1957	(m <sup>2</sup> K)/W	0,05 (cork HRT) 0,04 (wood SRT)

NOTE: Grade 5 - No change / Grade 4 - Slight change / Grade 3 - Moderate change / Grade 2 - Considerable change / Grade 1 - Strong change  
(\*) Class of Use classification in accordance to ISO 10582  
(\*\*) Based on requestes from ISO 14582 and EN14565