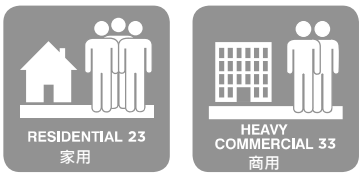
sqm
by LICO

CLICKABLE CEMENT TILE (CCT)
THE REVOLUTIONARY DRY FIXING FLOORING SOLUTION

锁扣式水泥纤维砖
革命性干式地板铺装

sqm.hk

Classification 类别



Advantages 优点

No Grout Superior Locking Strength

Waterproof

R10 Anti-slip No Paper Direct Digital Print

Dimensional Stability

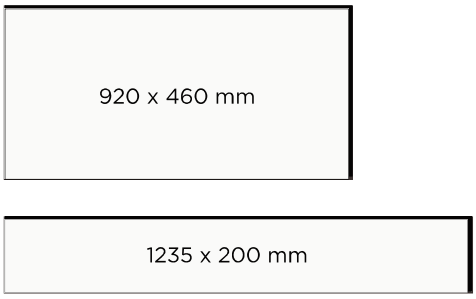
Room Sound Improvement +35%

Formaldehyde Free

Further advantages 更多优点

- No expansion and seperation fugue 没有扩张或分离(热胀冷缩)
- Absolutely dimensionally stable 尺寸稳定
- Anti-slip 防滑
- Warm to the touch 触感温暖
- Suitable for allergics 低致敏
- Lightfast 7 / 8 光照色牢度 7 / 8
- Natural product 天然物料产品
- Designs at infinitum 无限设计
- Free of harmful substances 不含有害物质
- Anti-static 防静电

Dimensions 尺寸

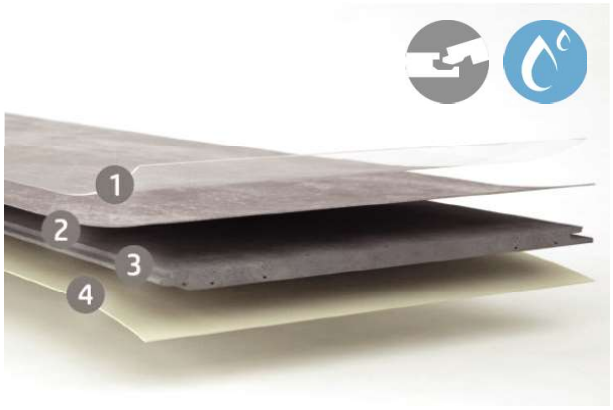


Thickness 厚度 **CCT : 7.5mm**

CCT-FR : 6.0mm

Bfl s1
EN ISO 9239-1

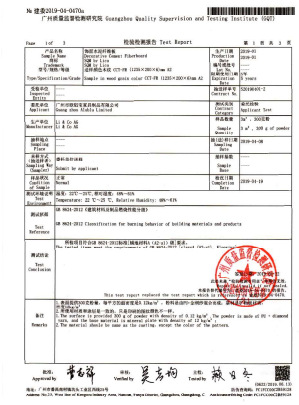
A2-s1, d0
GB8624-2012



Fulfill the requirements of Gold Blue Angel and Green Guard Gold
合乎Gold Blue Angel 和 Green Guard Gold 的认证要求

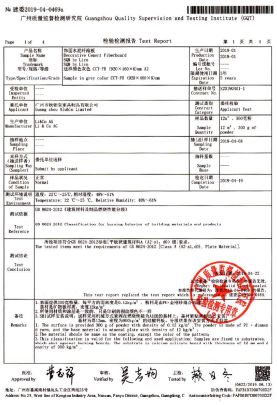
1. KORUS protection KORUS 保护层
2. Lightfast digital print 耐光高清数码印刷
3. Rigid Cement Fibre Board 水泥纤维板
4. GREEN Sound - Sound impact 有机降噪垫

Test Reports 检测报告



GB 8624-2012
[Class A (A2-s1), Flooring]

建筑材料及制品燃烧性能分级
符合 铺地材料 A (A2-s1) 级 要求



GB 8624-2012
[Class A (A2-s1,d0), Plate Material]

建筑材料及制品燃烧性能分级
符合 平板状建筑材料 A (A2-s1,d0) 级 要求

Certificates 认证

UNICLIC®
Produced under license of Uniclic - EP nr. 0843763/U.S. patent nr. 6,006,486

GREENGUARD GOLD

CE

BLUE ANGEL
THE GERMAN ECOLABEL

INDOOR AIR QUALITY*
A+
A+ A B C

Bfl-s1 DS
NA HCHO DL PCP
LM - 4200

www.blauer-engel.de/UZ120

CCT

Stock Collection 现货系列

C.01
CONCRETE SILVER
水泥银白
920 x 460 x 7.5mm

C.03
CONCRETE SILVER VECTRO
水泥银白向量
920 x 460 x 7.5mm

C.02
CONCRETE CHROME
水泥银铬
920 x 460 x 7.5mm

W.02
OAK LIGHT
橡木自然
1235 x 200 x 7.5mm

W.01
OAK STEEL
橡木银钢
1235 x 200 x 7.5mm

S.02
CALACATTA
石汇卡拉卡塔
920 x 460 x 7.5mm

CCT

Indent Collection 订货系列

201025
Finnish Oak

201229
Larch Zermatt

200609
Sessile Oak Creme

200611
Oak Craggy

200754
Oak Sierra

201226
Oak Vita

201016
Oak Olive Flamed

201225
Oak Light

201024
Gold Oak

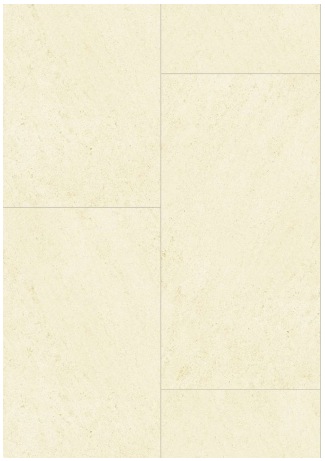
200970
Oak Street

CCT

Indent Collection 订货系列

201231
Concrete Creme White

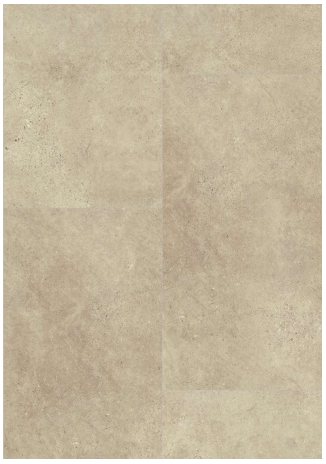
201021
Structural Concrete White



200087
Punti

201020
Concrete Silver

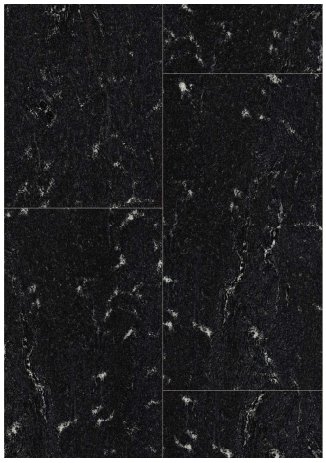
221027
Ferroconcrete



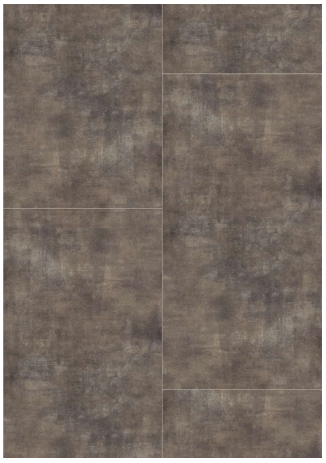
201023
Eco Concrete

201019
Concrete Chrome

201018
Concrete Terra

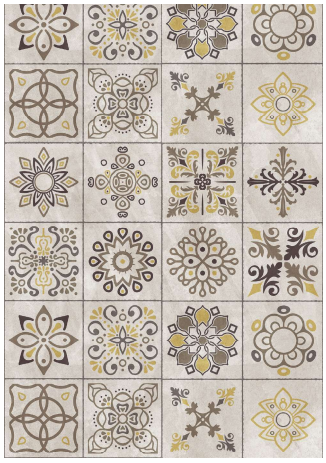


221059
Porto Branco



201233
Cement Iron

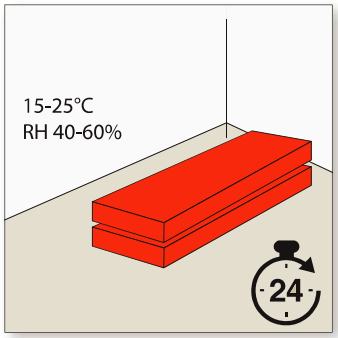
201223
Stone Retro

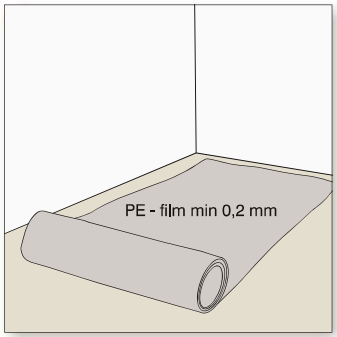


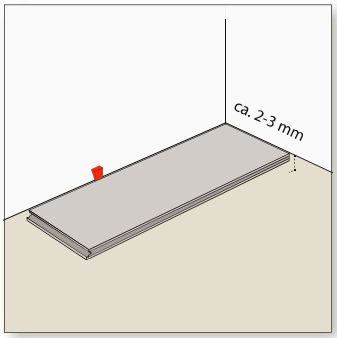
201236
Stone Ornament

CCT

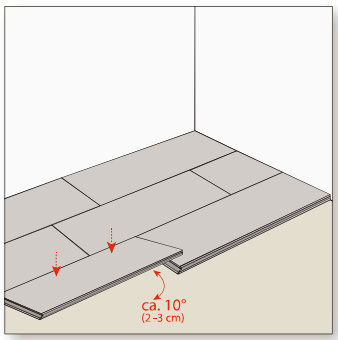
Installation and maintenance instructions

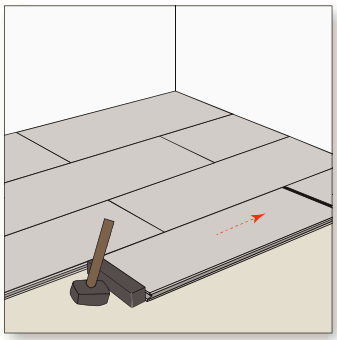




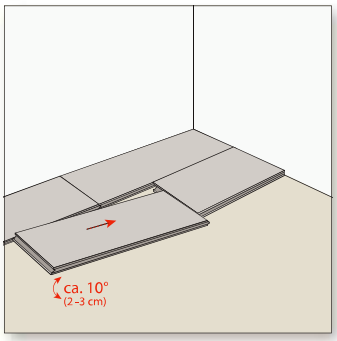


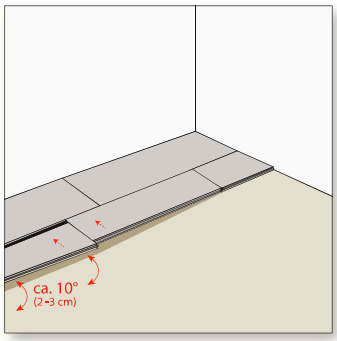
Angle Snap version 1





Angle to Angle version 2





BEFORE INSTALLATION

CCT is laid floating on a clean, dry, level, as well as tensile and pressureresistant substrate (DIN18356). The maximum permissible unevenness of the subfloor must not exceed 2 mm to 1 m length, otherwise it must be leveled with filler. CCT is also suitable for full surface bonding with a recommended waterfree adhesive from your adhesive supplier (e.g., „Kleiberit 583.6“). When using a pallet truck or similar up to 1000 kg total load the floor must be glued in addition at the click connection (D3 glue).

Before installation, CCT should be acclimatised at a room temperature of 15-25° C and a relative humidity of approx. 40-60%, 24h in the closed, plain bearing package. A PE foil is recommended, the subfloor has to comply with the humidity standard, i.e. max. 2,0% CM for cement subfloor and max. 0,5% CM for anhydrite subfloor. CCT can also be installed on hot water and electric floor heating. For application in the wet area, where there is danger of standing water or flooding, it is imperative to use a so called jointing compound (for example „Clic Seal“ or „Seal & Clic“). It must be avoided that moisture or constantmoisture can act on the back of the floor. The boards should be checked for their perfect condition at daylight, any defects must be complained before the laying. Please also check that the tongues and grooves are free from chips or other particles. Differences in color and structure can occur due to the properties of the material and underline the authenticity of this natural product.

INSTALLATION

CCT can be installed with two standard variants: Angle Snap (variant 1) or Angle to Angle (variant 2). Start laying in a corner of the room and consider dilatation joints of 2-3 mm against the wall and every other solid construction element. Even larger surfaces can be laid without a separation/ dilatation joint. Attention! Construction separation/ dilatation joints must be considered.

Angle Snap version 1

Set the long side of the planks at a slight angle to approx. 10° / 2-3 cm and click them by pushing on and pressing down. On the front side, the panels are clicked by a tapping block by gently tapping. Always place the tapping block (at least 20 cm long) against the spring (tongue) or the lower cheek, never at the „good edge“.

Angle to Angle version 2

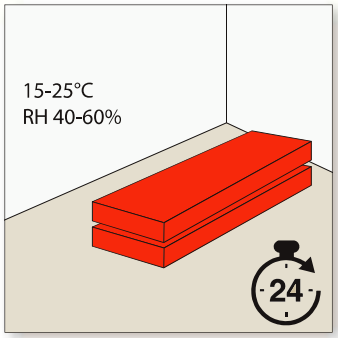
Slightly raise the panels to the end face by approx. 10° / 2-3 cm and then click on the next panel also on the end face. Subsequently lift the panels and the adjacent ones which is already clicked, lightly, on max 10° / 2-3 cm and slide respectively click the panels together. Lay the following panels in the direct extension of the first. The remainder of the first row is the first panel of the second row. It should be at least 30 cm long. For cutting the panels, a hand circular saw or laminate punch is recommended. It is alsopossible to cut the line on the surface with a cutter knife and „buckle“ the plate.

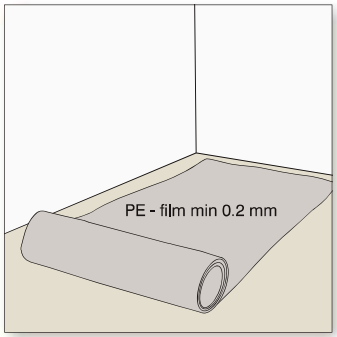
CLEANING AND CARE

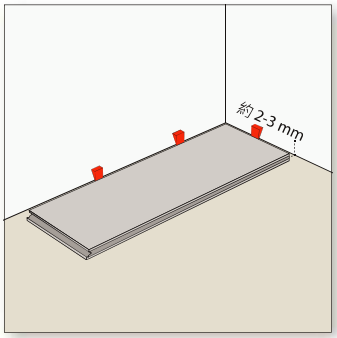
The floor can be dampened but also wet cleaned, also the use of brush wet cleaning machines is possible. After the first cleaning of the newly laid flooring, it is recommended to mop the surface. Waste of CCT can be disposed as construction waste and fully recycled.

CCT

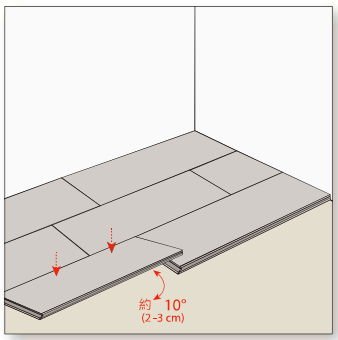
安装和护理说明

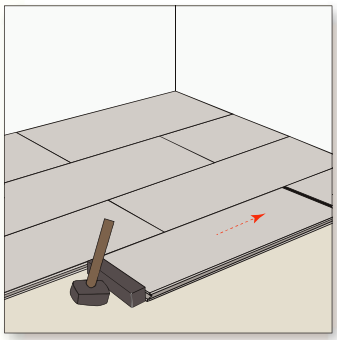




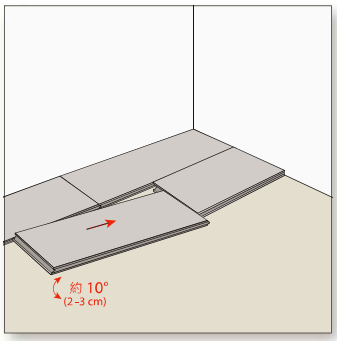


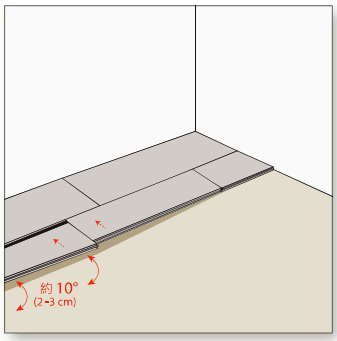
单边角度连接(例1)





两边角度连接(例2)





安装准备

CCT应放置在干净、干旱、平整以及抗拉伸和耐压的基底上(DIN18356)。底层基底的最大允许不均匀度不得超过2毫米至1米长，否则必须使用填料进行平整。CCT也适用于粘合剂供货商推荐的无水黏合剂进行全表面黏合(例如“Kleiberit 583.6”)。当使用高达1000kg总重量的托盘搬运车或相近物时，必须在锁扣连接处上使用(D3胶水)黏贴地板。

安装前的24小时，应让CCT放置在15至25°C的室温和相对湿度约为40至60%环境中适应。在安装前，建议使用塑料薄膜铺在底层基底上。而底层基底亦需符合湿度标准：即如混凝土底层基底最高含水量(CM)为2%；而硬石膏底层基底含水量(CM)最高为0.5%。CCT还可安装在地暖系统上。
对于在经常有积水的潮湿区域应用时，必须在锁扣处使用特定连接化合剂(如“Clic Seal”或“Seal&Clic”)。必须避免水分留在地板背面。应在白天检查地板是否完好。在铺设前必须清晰检查任何缺陷。另外，请检查舌片和凹槽是否没有碎屑或其他颗粒。颜色和结构上的差异可能是由于材料的特性而产生，突出了这种天然产品的真实性。

安装

CCT有两种标准安装：(例1)单边角度连接 或 (例2)两边角度连接。
在单位室内的角落开始进行铺设，并在靠墙壁的位置预留2至3毫米的伸缩缝。甚至更大的表面也可以在没有分离/扩张接头的情况下铺设。
注意！必须考虑施工分离/扩张接头。

单边角度连接 (例1)

将地板的长边稍微倾斜约10° 或约 2至3厘米，然后通过推压进行锁扣。在正面，通过轻敲，紧扣着地板与地板间的锁扣。轻敲的位置(长度最少20厘米)应在下颊上(凸出的锁扣位置)，不要在板材的边缘进行轻敲。

两边角度连接(例2)

将地板稍微升高到端面约10° 或约2至3厘米，然后锁扣另一个地板(也在端面上)。然后抬起地板和已锁扣的相邻地板，轻按最大10°或约2至3厘米并分别滑动面板，进行锁扣。第二个地板直接放在第一个地板的延伸部分。第一行的其余部分是第二行的第一个地板。它应该至少有30厘米长。
在切割地板方面，建议使用手动圆锯或层压冲头，而且也可以用切割刀在表面切割线，并进行“扣”板，折割地板。

清洁和护理

地板可以湿洗，也可以使用备有刷子的清洗机。 在新铺设的地板第一次清洁后，建议拖擦拭表面。 而CCT的废料可作为建筑废料处理并可完全回收利用。

CCT

Accessories 配件

ClicSeal 地板接缝密封剂

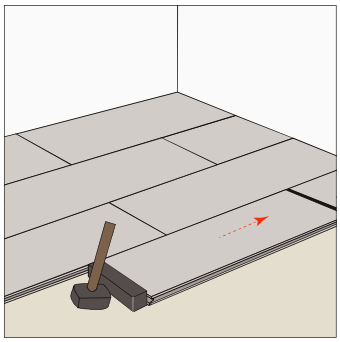
- ClicSeal is a joint sealer designed to protect the core of 'click' flooring from moisture and water damage.
- It will prevent joint swelling and opening.
- ClicSeal can be used on all glueless flooring – laminate and engineered wood floors.
- It is ideal for kitchens, bathrooms and entrances.
- One tube of ClicSeal is sufficient for 10 square metres of flooring.
- ClicSeal does not have to be used on the whole floor but can be used just in those areas where water is likely to be splashed.

- ClicSeal是一种接合密封剂，旨在保护锁扣式地板的核心免受潮湿和水的损害。
- 它可以防止接缝肿胀和爆开。
- ClicSeal可用于所有无缝地板 - 层压板和复合木地板。
- 非常适合厨房，浴室和门口。
- 一管ClicSeal足以用在10平方米的地板。
- ClicSeal不必在全幅地板使用，可以只用在水可能溅到的地方。

Tapping Block (PVC) 塑胶敲砖

- Designed for close gaps during flooring installation.
- Used to protect the tongue/edge of the plank from damage.

- 专为安装地板时需要紧密缝隙而设计。
- 用于保护地板的舌片和凹槽/边缘免受损害。



LM Aluminium Trim Kit　LM 铝合金地板修口

- Decorative ending profile specially design for SQM by Lico CCT
- Profile Length in 2440mm
- Available in finishes:

'SA' Stainless-steel Colour Anodised

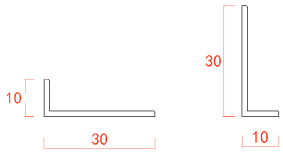
'BA' Black Colour Anodised

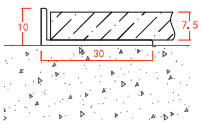
- 专为Lico CCT而设计的装饰修边
- 每支长度为2440mm
- 表面颜色可供选择:

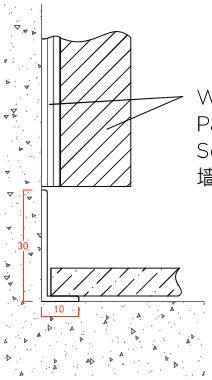
'SA' 不锈钢色

'BA' 黑色

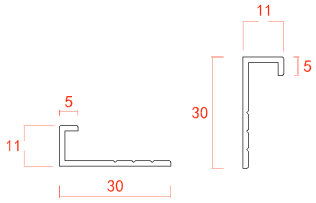
LM-L-3010

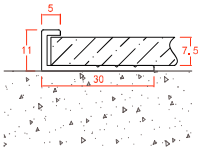


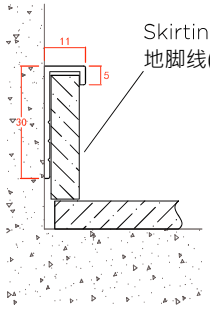




LM-J-3011







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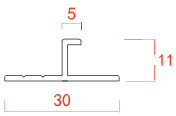
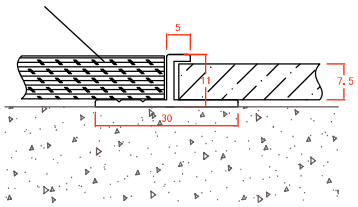


拼接其他地板物料
Other flooring material transition



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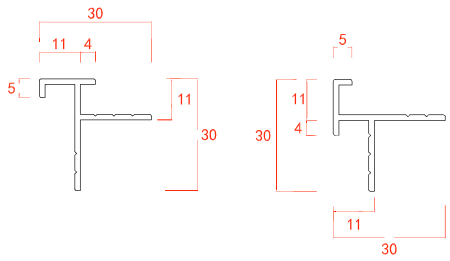
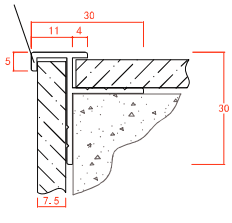
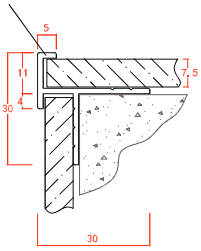


纤细的梯阶正面
Slim front staircase



纤细的梯阶顶
Slim top staircase



CCT

Technical Data Sheet 技术数据表

	Rating standard 评级标准	CCT	CCT - FR Grade A2 Fire Rated A2级不燃建筑材料
Dimensions & thickness / 尺寸和厚度	EN 427 & EN 428	920 x 460 x 7.5 mm 1235 x 200 x 7.5 mm	920 x 460 x 6 mm 1235 x 200 x 6 mm
Classification / 类别	EN 16511	Commercial 33 商用级33	Commercial 33 商用级33
Total weight / 重量	EN 430	approx. 12,000 g/m2	approx. 11,800 g/m2
Impact sound reduction / 降噪性	EN ISO 717-2	approx. 19 dB	approx. 13 dB
Effect of chair castors / 抗椅轮耐磨损性	EN 425	fulfil 达标	fulfil 达标
Room sound improvement / 噪声改善度	IHD-W-31	35%	24%
Reaction of fire / 防火性能	EN ISO 9239-1 GB8624-2012	Bfl s1	A2-s1, d0
Dimensional stability / 尺寸稳定性	EN 434	< 0.01 %	< 0.01 %
Thermal resistance / 隔热保温性	EN 12524	approx. 0.03 m2 K/W	approx. 0.03 m2 K/W
Residual indentation / 压痕残余度 (抗压性)	EN 433	0 mm	0 mm
Reaction to static electricity / 抗静电性	EN 1815	< 2 kV antistatic 抗静电	< 2 kV antistatic 抗静电
Lightfast / 光照色牢度	ISO 105	7 / 8	7 / 8
Coefficient of friction / 防滑等级	EN 51130	R 10	R 10
Resistance to chemicals / 抗化学性能	EN 423	Very good resistance 非常好的抵抗力	Very good resistance 非常好的抵抗力
Emissions value / 挥发性有机物质排放量		< 100 ppm laut AgBB 根据 AgBB	< 100 ppm laut AgBB 根据 AgBB
Swellness value 24h / 24小时浸泡后膨胀厚度	EN 317	0%	0%
Locking strength / 装配板锁紧强度	ISO 24334	> 500 kg/lfm - kg/m	> 500 kg/lfm - kg/m
Abrasion resistance / 耐磨性	EN 14354 EN 13329	>10 000 WR4 AC5	>10 000 WR4 AC5
Micro scratch resistance / 耐刮擦性	EN 16094	MSR-A1/MSR-B1	MSR-A1/MSR-B1
Effect of a furniture leg / 家具腿抗刮性能	EN 424	No damage shall be visible 无可见损伤	No damage shall be visible 无可见损伤
Stain resistance / 耐污性	EN 438-2:2016	Grad 5 / 5	Grad 5 / 5
Slip resistance / 防滑性能	EN 13893	Class DS 类	Class DS 类

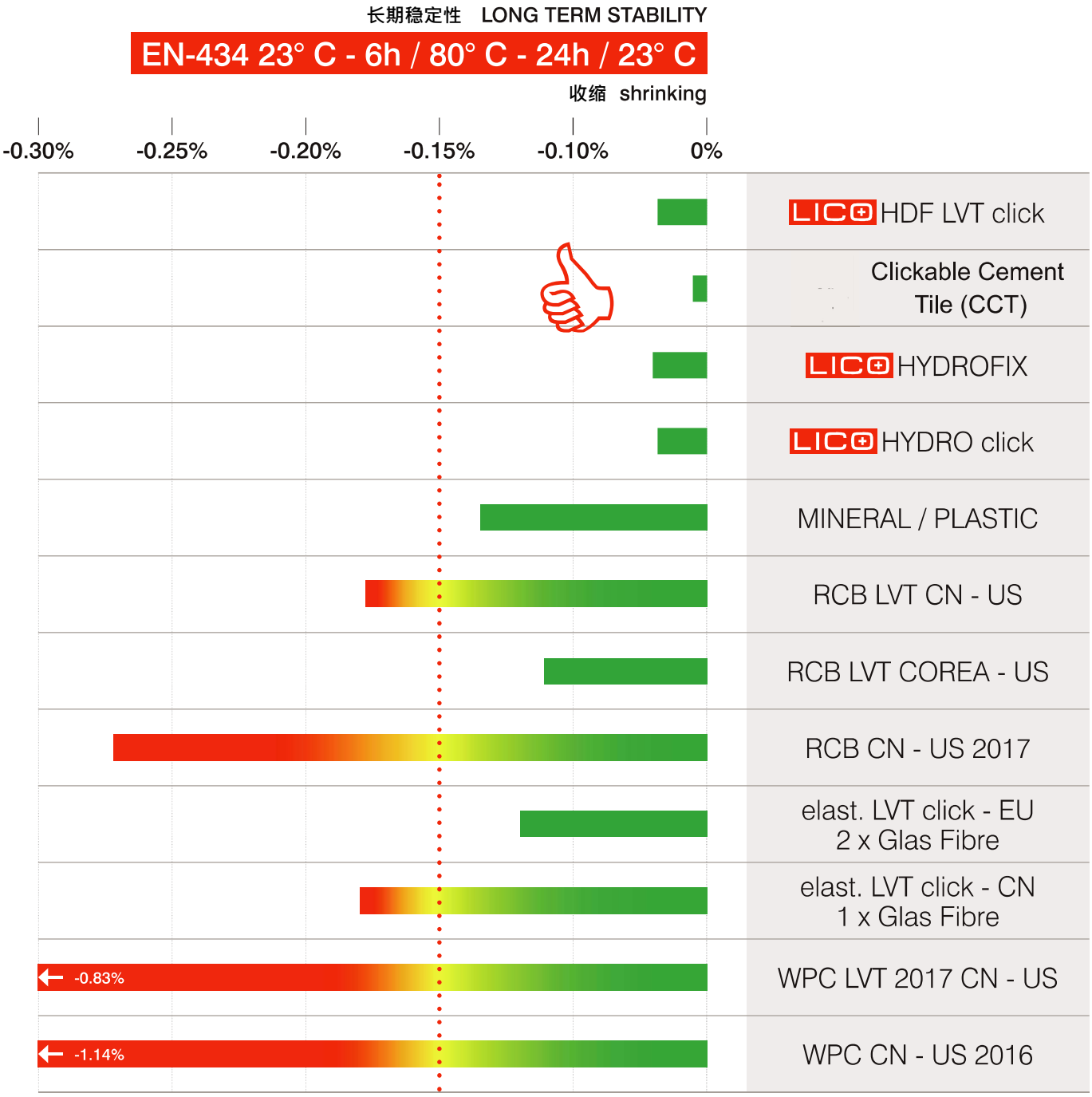
CCT

Comparison Table 热门地板材料比较

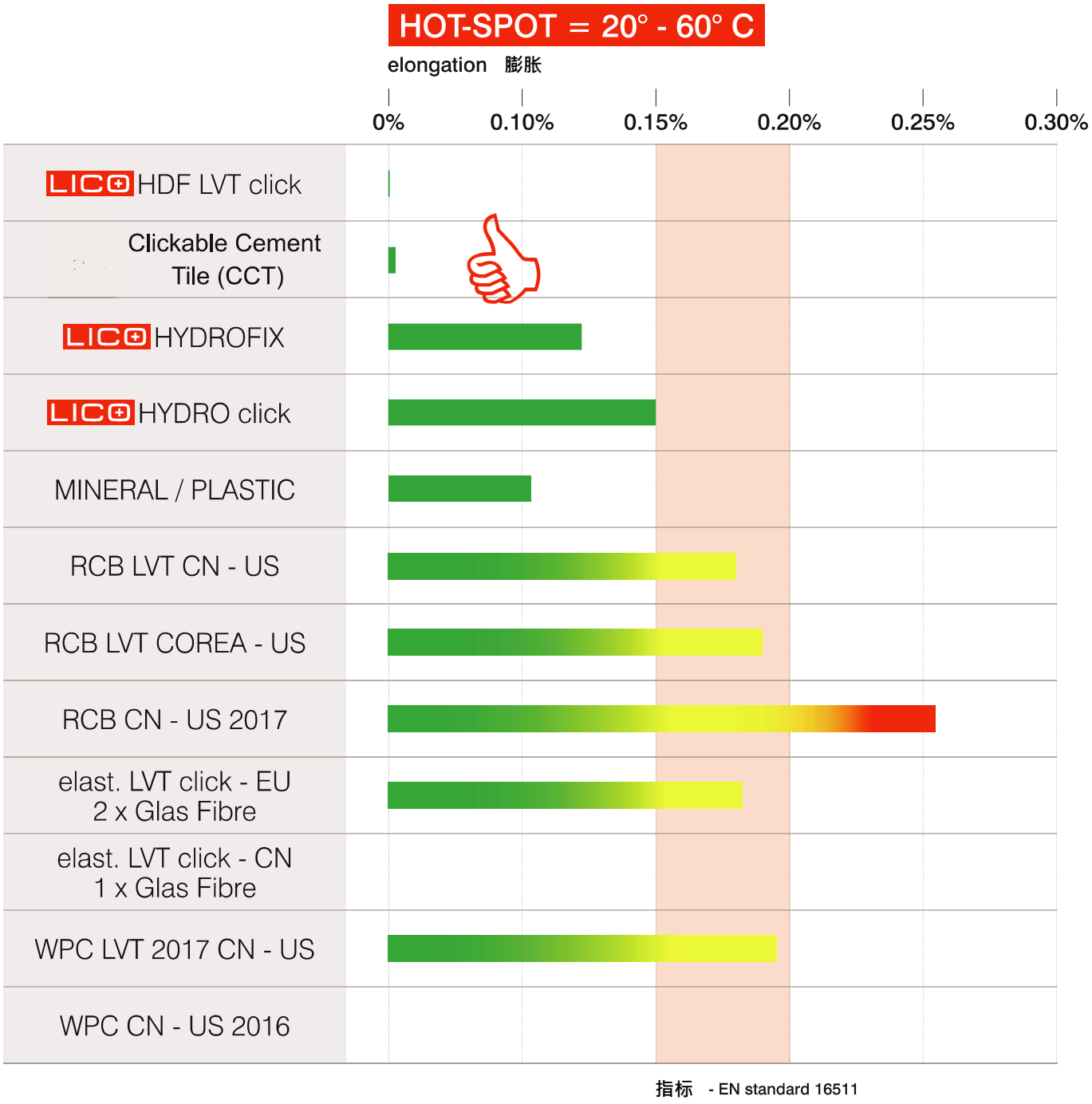
	Brands 品牌	SQM by Lico	Other Brands 其他品牌	Other Brands 其他品牌	Other Brands 其他品牌
	Product Line 产品	CCT	Traditional Tile 传统地砖	WPC 木纹胶板 (Wood Plastic Laminate)	Laminated Wood Base Clic Flooring 锁扣木地板
Composition 成份	Manufacturing Process 生产工序	Patented Cement Board Core, Digitally Printed with Hot Coating Wear Shield 专利水泥核心板，在砖面上直接数码打印花纹及防水层	Clay Tiles, Glazed & Hot Kiln Baked 粘土瓷砖，釉面和热窑烤	LVT Glued & Hot Pressed on WPC Core 在WPC核心上进行LVT胶合和热压	HAT Press System Woodfibre & Melamine Compound with Printed Paper 以木纤维 / 三聚氰胺化合物及带印刷纸张压成
	Material Composition 材料成份	100% Organic 100% 有机	100% Organic 100% 有机	PVC-Based PVC塑料	Woodfibre / Polymer Melamine Compound 木纤维 / 聚合物 三聚氰胺化合物
	Comfort Core Walking & Warmth Technology 舒适核心步行和触感技术	✓	×	×	×
	Underlayment 地垫	Waterproof & 100% Anti-Microbial / Anti-Mold / Anti-Fungus 防水和100%抗微生物 / 防霉 / 抗真菌	×	×	×
Performance 性能	Guaranteed Not to Delaminate 保证不分层	✓	✓	×	✓
	Density, Rigidity & Impact Resistance 密度，刚性和抗冲击性	400% Higher 超过4倍	500% Higher 超过5倍	Normal 正常	Similar to CCT 类似CCT
	Curling & Cupping Risk 弯曲翘起可能性	40x Less 少于40倍	None 没有	Normal 正常	Worse, 10x Less 差, 少于10倍
	Thermal Expansion 热膨胀	100% Expansion-Free 100% 不膨胀	100% Expansion-Free 100% 不膨胀	Normal 正常	Normal 正常
	Fire Resistance 防火性能	High 高	High 高	Low 低	Low 低
	Flex Core Technology 柔韧核心技术	✓	×	×	×
	Click Connection-Tongue Strength 锁扣安装 - 舌片强度	4x Stronger 4倍强度	N/A 不适用	Normal 正常	Similar to CCT 类似CCT
Applications 应用	Install over existing Tile Floors 在现有的地板上安装	✓	✓	✓	✓
	Clickable Installation 锁扣安装	✓	×	✓	✓
	Floating Floor 悬浮式拼法	✓	×	✓	✓
	Removable w/o Demolition 可拆卸而毋须拆毁	✓	×	✓	✓
	Wood Plank Sizes 木板尺寸	✓	✓	✓	✓
	Tile Sizes 瓷砖尺寸	✓	✓	×	✓
Certifications 认证	Green Guard 绿色认证	✓	✓	✓	?
	Wear & Abrasion Resistance 耐磨性	Class AC5-Highest Rating AC5级 - 最高级别	Class AC5-Highest Rating AC5级 - 最高级别	Heavy Commercial 重型商用	AC5
	Emissions 排放	Lowest in the Industry 行业内最低	Normal 正常	High 高	High 高
	Noise Reduction 降噪性	19dB (分贝)	×	18dB (分贝)	?

CCT

The Most Stable Flooring　最稳定的地板



RCB= Rigid Core Board　硬芯板　/　**WPC**= Water Proof Core Board　防水芯板



RCB= Rigid Core Board 硬芯板 / **WPC**= Water Proof Core Board 防水芯板

CCT

Job References　项目参考

SQM by LICO Clickable Cement Tile (CCT)
The natural phenomenon

CCT is the successful combination of a perfectly stable mineral core board and the optical design variety of the newest digital printing technology.

Coupled with the properties of the KORUS surface technology, CCT is suitable for almost every area. From the living area to highly frequented commercial areas - CCT is the alternative to plastic or wood based flooring and always in perfect harmony with nature. The remarkable technical features are totally convincing.

SQM by Lico 锁扣式水泥地砖 (CCT)
呈现自然

CCT是完美稳定的矿物核心板和最新高清印刷技术的结合，打造出来的完美产品。

结合KORUS表面技术的特点，CCT几乎适用于所有领域，从生活区到商业区，而且CCT更是塑料或木质地板的替代品，产品与大自然完美融合，显著的技术特点是完全令人信服的。

Office & Showroom
Fortress Hill, Hong Kong
70 m2
March 2020

Private Residence
Kowloon Bay, Hong Kong
35 m2
March 2019

Private Residence
North Point, Hong Kong
100 m2
March 2019

SQM Showroom
North Point, Hong Kong
30 m2
September 2018

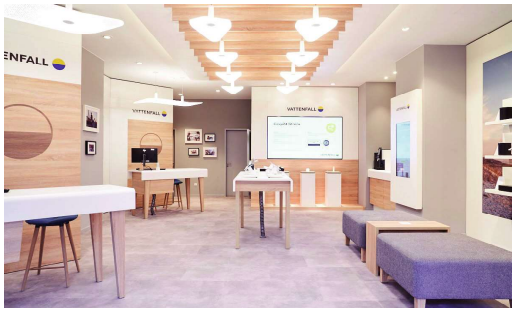
Google office spaces
Milan, Italy
January 2020

Albertina Museum
Vienna, Austria
July 2019

Huawei Flagship store
Madrid, Spain
800 m2
May 2019

Fuorisalone Milan
Milan, Italy
80 m2
April 2019

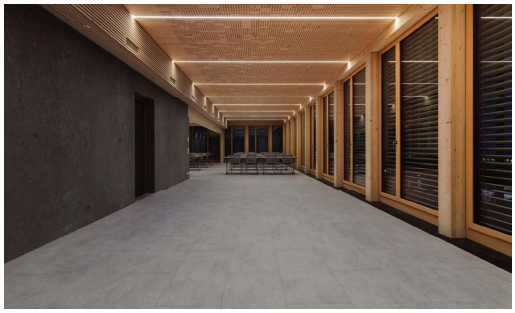
Car dealer
Austria
200 m2
February 2019



Energy company Vattenfall
Berlin
100 m2
February 2019

Fashion store Comma,

70 m2
January 2019

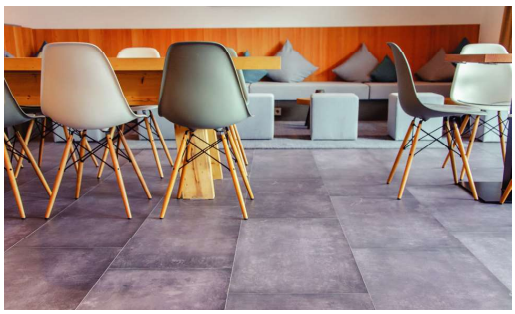


Großprojekt Micodur 2018-2019

Deutschland
2018 / 2019

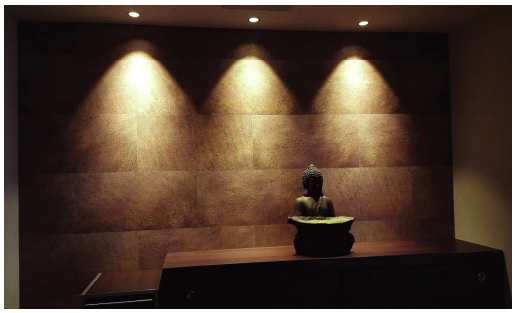
Delicatessen store
Nürnberg, Germany
110 m2
December 2018

Restaurant zur Mühle
5036 Oberenfelden
Switzerland
November 2018



Hotel Garberhof
Hauptstrasse 25
39024 Malles Venosta
Bozen, Italy
180 m2 Wellness Area
October 2018

Cafe Spettacolo
Rail station RHB
7500 St. Moritz
St. Moritz, Switzerland
140 m2 Cafe
June 2018



Hotel Resort
Burgenland
Eisenstand, Austria
140 m² Wellness Area
May 2018

Shoping mall Gäupark
Hausimollstrasse 1,
4622 Egerkingen, Switzerland
140 m2 Caffee Cappuccino
May 2018

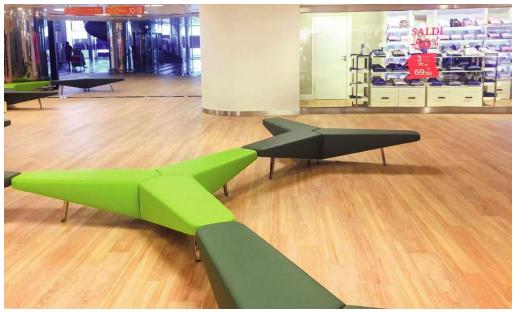
Restaurant Bottega
Neustift im Stubaital
Austria
80m2
May 2018

Hotel Allegro Einsiedeln
Lincolnweg 23
8840 Einsiedeln
Einsiedeln, Switzerland
600 m2 Restaurant
February 2018

Aloha beach cafe
California US
140 m2
January 2018

Das Lokal
Promenade 100
7270 Davos Platz
Davos, Switzerland
80 m2 Bar/Restaurant
January 2018

G. Neuenschwander Söhne AG
Industriestrasse 4,
Oberdiessbach, Switzerland
700 m2 Lederwarenshop
February 2017

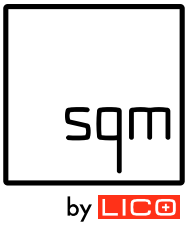


Airport Turin
Strada Aeroporto, 12
10072 Caselle Torinese TO, Italy
1.700 m2 Check-in and Shops
November 2016

Onlinestore
Moosweg, 15,
39020 Kastelbell
Bolzano, Italy
780 m2 Office
July 2016

Backery Breitner
Frauenstrasse 30
85276 Pfaffenhofen
Germany
180 m2 Sales and production area
March 2016

Ver. 03/2021



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+86 (020) 8465 8058

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+86 (020) 3456 0673

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