

## Serenity Collection

Combines classic beauty with the resiliency and comfort of cork. A high definition digital print technology reproduces the essence of wood or tile on a cork substrate. Finished with our patented Hot Coating for fade resistance and the highest possible durability.

### TECHNICAL DATA SHEET

Characteristics	Result
Dimensions & Thickness (EN 427 & EN 428) - Planks	1235 mm x 305 mm x 11 mm; 48 5/8" x 12 1/64" x 7/16"
Dimensions & Thickness (EN 427 & EN 428) - Tiles	620 mm x 450mm x 11 mm; 24 13/32" x 17 23/32" x 7/16"
Classification (Domestic / Commercial)	23 / 33
Total weight (EN 430)	ca. 8.900 g/m <sup>2</sup>
Weight resistance (EN 438-89)	Gr. Kugel: 2000 mm / Kl. Kuel: 35N
Abrasion resistance (EN 14354 & EN 13329)	AC 5
Scratch resistance (EN 438-2)	2N
Impact sound reduction (EN ISO 717-2)	18 dB
Effect of castor chair (EN 425)	suitable for type W
Reaction of fire (EN ISO 9239-1)	Cfl s1
Thermal resistance (EN 12524)	0,108 m <sup>2</sup> K/W
Dimensional stability (EN 434)	< 0,05 %
Residual indentation (EN 433)	max. 0,15 mm
Lightfast (ISO 105)	7 / 8
Resistance to Chemicals (EN 423)	very good resistance
Emissions value	in conformity with AgBB
Swellness value 24h (EN 317)	< 8%
Locking strength (ISO 24334)	HDF > 500 kg/lfm – kg/m
Coefficient of friction (DIN 51130)	R10
Impact resistance (EN 438-2 / EN 13329)	2000 / 14 mm Class 33



- HDF 11,0 mm
1. Hot Coating
  2. Lightfast digital print
  3. Cork Composite > 600 kg/m<sup>3</sup>
  4. Moisture retardant fibre-board
  5. Cork Underlay



Produced under license of Unilin - EP nr. 0843763/U.S. patent nr. 6.006.486

## *Benefits of Cork*

Cork is a natural product with remarkably unique qualities unmatched by any other material. Cork is superior because it is:



### *Quiet & Acoustic*

Cork's many air cells contribute to its excellent acoustical advantage, providing efficient sound resistance above and below the floor. Cork is an effective way to muffle the sound of children playing in a room above.



### *Warm & Insulating*

The cellular structure of cork creates thermal insulation, inhibiting cold transfer from the sub-floor. Cork performs excellently in basements, and in applications over slab or pier and beam foundations.



### *Soft & Comfortable*

Cork has over 200 million enclosed air cells in every cubic inch, giving it resilience and comfort underfoot. Since walking on cork is like walking on air, adding cork to a room means adding comfort.



### *Environmentally Friendly*

Cork is a 100% rapidly-renewable resource, made from the bark of the cork oak tree. The bark is carefully stripped off the tree and regenerates for a new harvest every nine years. We never cut down the tree!



### *Hypoallergenic & Anti-Fungal*

The cork tree coats itself with suberin (a sappy substance) when its bark is removed, to protect against mold, mildew and insects. This suberin grows into the cork and generates unsurpassed natural anti-fungal and hypoallergenic properties. This makes cork beneficial for anyone sensitive to mold and mildew or has allergies.

These are the key benefits cork is famous for, and what puts it in a category all its own. To learn more about cork's unique physical properties, visit [www.wecork.com](http://www.wecork.com).

