

CORKEEN PLAY ORIGINAL



Cork is the outer bark of the Cork Oak tree and is a material that retains CO₂ upon its growth. Every 9 years the outer bark of the tree is removed, without any damage to the tree, and used in multiple applications for its thermal and acoustic properties, impact capacity, low weight, amongst others. One of these applications where cork is at its best is Corkeen Play Original.

Corkeen Play Original is a natural based, extremely water-permeable surface that is installed on site. This product considers one elastic Base Layer for impact protection and one Top Layer designed to provide wear resistance. These two layers consider two typologies of granules that were studied to achieve the best mechanical and impact attenuating properties together with an agglomerating agent, a PU based resin. The grain sized to be considered is larger for the Base Layer and smaller for the Top Layer.

Corkeen Play Original has the natural colour of cork, without color additives so that the users can enjoy the natural colour of the pavement.

The pavement was tested according to European norms to comply with EN1176-7:2008 with a fall height from ≤1,45 m to ≤ 2,8 m, as can be seen in the CFH table. Corkeen Play Original's natural cork granules are free of heavy metals, EDCs, T-VOCs, formaldehyde or PAHs and its permeability greatly surpasses the requirements of EN 12616. Corkeen

Play Original has also been externally tested according to BS7188, that includes abrasion, fire testing, slip resistance, amongst others. Compared with synthetic materials, cork can be up to 30% cooler in temperature, which provides this pavement with extreme confort for its users.

Critical Fall Heights

The results listed in this overview are according to standard EN 1177:2018.

Thickness	CFH
40 mm • 1,57 in	1,45 m • 4,75 ft
50 mm • 1,97 in	1,60 m • 5,25 ft
70 mm • 2,76 in	2,00 m • 6,56 ft
90 mm • 3,54 in	2,30 m • 7,55 ft
110 mm • 4,33 in	2,60 m • 8,53 ft
135 mm • 5,31 in	2,80 m • 9,18 ft

For more information on the components of Corkeen Play Original, please contact our Brand Master Corkeen in your territory.