

Product data sheet – Cork granulate

Cork – The natural alternative

Cork oak forests, which can primarily be found in the south-western Mediterranean countries of Spain, Portugal, Algeria and Morocco, have been afforested and created by humans in order to use cork resources in a way that is entirely sustainable.

Cork oak can live for around 150 to 200 years and its bark - the cork - is harvested about 16 times during this time. During the harvest period lasting from the end of May to August, cork farmers use traditional manual techniques to peel around 45 kilograms of cork bark per harvest and tree, all without damaging the tree itself. The trees debarked with this level of regularity produce up to 4 times more cork than those that are not debarked.

Cork and cork products have an excellent ecological balance. Each year, Mediterranean cork forests filter almost 15 million tonnes of climate-damaging carbon dioxide (CO₂) from the air and retain it.

Properties:

- Very light, with a density of 100-250 kg/m³
- Highly pressure stable and very elastic
- Water-repellent (hydrophobic) and chemically neutral
- Does not rot and is resistant to most acids and alkalis
- Insulates against heat, sound and vibration
- Anti-slip
- A renewable pure natural product without additives
- Cork and cork products are classified in fire protection class B2 and belong to the "normally flammable substances"

During the process of manufacturing cork blocks from cork granulate, only approx. 0.005 vol.% polyurethane binder is added, in addition to the activation of the natural resins in the cork granulate. The "Aglocork GA10" polyurethane adhesive has been tested and approved under food law and complies with the health authority's safety regulations of ICEF Reg. No. TH15/77.

All Eurotec cork products made from cork granulate are free from carcinogenic polycyclic aromatic hydrocarbons - PAH (PAH is a toxic, carcinogenic plasticiser that can mainly be found in rubber compounds).

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Cork is used in the following Eurotec products:

- 945399 Rolfi Cork Pad 70x70x10 mm
- 945397 Rolfi Cork Pad 70x70x3 mm
- 945398 Rolfi Cork Pad 70x70x6 mm
- 954040 Rolfi Roll 4000x70x6 mm
- 945561 Rolfi Roll 2015x70x8 mm
- 945395 Protective roof cork 250x250x2,8 mm
- 945331 Cork pad with adhesive tape 90x28x17 mm for DiLo aluminium function strip
- 945510 Aluminium function strip 34x29x1750 mm with glued-in cork insert



If you are not familiar with how this product is used, and particularly with the product's intended use, please contact our Application Technology department.