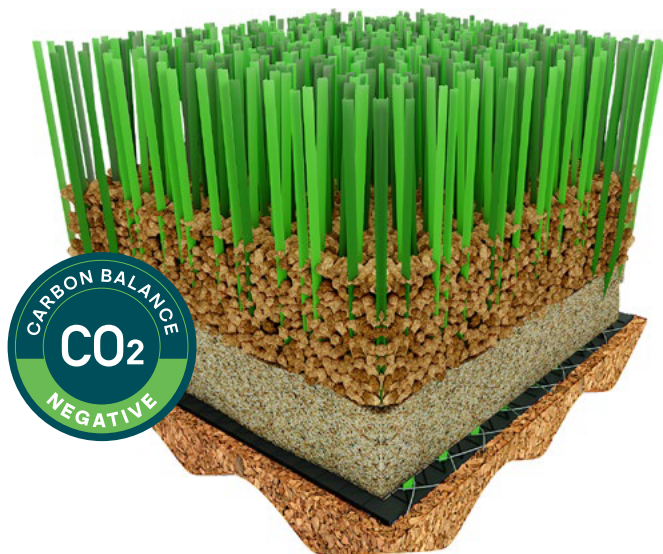


Nature 140

Product Data Sheet

Material Description & Properties



Physical and mechanical properties

Cork Granule Size (mm)	1–4
Bulk Density (kg/m ³) ¹	110–140
Moisture Content (%) ²	<15

(1) ISO 2031

(2) ISO 2190

Amorim Nature 140 is a product derived from the crushing of natural type cork. It is a 100% natural product of plant origin, ecological and recyclable, from a renewable raw material, as the cork oak bark extraction is part of their life cycle.

Benefits

Sports function

- Great energy absorption, avoiding player injury under fall
- Improved rotational friction, avoiding player injury
- Low energy restitution, aiming players comfort
- High elasticity and compression resistance

Construction

- Provides the support required by the pile
- Decay resistant
- Flame retardancy properties
- Key component in safety and performance characteristics of the pitch
- Decreased surface temperature

Sustainability

- 100% natural, renewable and recyclable
- With a negative carbon balance of -72,5kg CO₂e/kg*, contributes to a lower carbon footprint of sports surfaces
- No chemical contamination, 100% free according to REACH
- Odourless



*This result was based on a tool specifically developed by PwC – PricewaterhouseCoopers, which makes it possible to estimate the Carbon Footprint associated to granules produced from cork and cork waste, from the management phase of the cork oak forest, transport of these raw materials, processing and packaging, to the factory gate, using the Cradle-to-Gate approach (which does not include transport, application or end-of-life destination).

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