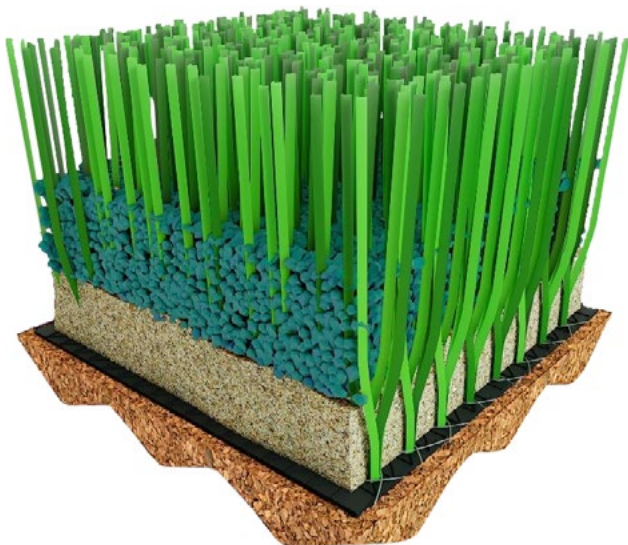


Ice 501

Product Data Sheet



Product Description & Properties



Amorim Ice 501 is a circular economy born infill, with recycled paper fibres and cork inside. It incorporates cork and paper fibers around up to 30% and also recycled polymers. **Amorim Ice 501** delivers excellent thermal performance and softness, offering players and coaches all the guarantees from their artificial turf system.

Benefits

Sports function

- Energy absorbent
- Optimized rotational friction
- Lower energy restitution
- Cooling effect reducing significantly surface temperatures

Construction

- Provide pile support
- Custom colours
- Irregular granular shape

Sustainability

- 100% recyclable

Physical and mechanical properties

Cork Granule Size	0.5-3 mm
Appearance	Irregular green granules
Odor	Slight odor
PH Value	7 +/-1
Melting/freezing point	130 to 180°C
Water absorption*	25% with water immersion and 5% indirect moisture absorption
Elasticity*	1,6J return energy
Hardness, Shore A	70-80
Bulk density ¹	> 300Kg/m ³
Moisture Content (%) ²	<5
Specific density	>1g/cm ³

* Internal method

(¹) ISO 2031

(²) ISO 2190

Composition/information on ingredients

Chemical Composition	Recycled post-industrial materials, process additives, minerals and Cork
Original Material	Recycled post-industrial materials
Dangerous Substances	Not included
UV Degradation	Grey scale >= 3

The data provided in this Product Data Sheet represents typical values. This information is not intended to be used as a purchasing specification and does not imply suitability for use in a specific application. Failure to select the proper product may result in either product damage or personal injury. Please contact Amorim Sports regarding recommendations for specific applications. Amorim Sports expressly disclaims all warranties, including any implied warranties or merchantability or of fitness for a particular purpose. Amorim Sports is not liable for any indirect, special, incidental, consequential, or punitive damages as a result of using the information listed in this material data sheet, any of its brochures, its products or any future use or re-use of them by any person or entity. For contractual purposes, please request our Product Specifications Sheet (PDA).

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