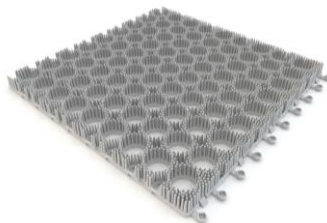


## Technical data sheet GEOSKI

### 1. DESCRIPTION

Winter sports surface in high performance Polyethylene



### 2. TECHNICAL SPECIFICATIONS

Material	-	Polyethylene (HD PE) 69-70%
		Thermoplastic Elastomer 28-30%
	-	Masters and additives 1-3%
Percentage of recycled material	%	100
Colour	-	White, Green, Red, Orange, Blue
Dimensions *	cm	40.8x40.8x H2.7
Weight	kg	0.88 ( $\pm 10\%$ )
UV Stabilization	-	Yes
Lubricant	-	IDRATOUCH L115-5 (non-polluting water-based lubricant)
Non-woven fabric	-	GEODREN PEIT 200
Iron screw for mounting on hard ground	-	T88 10x160
Ski gliding on snow	-	$\mu_{rs}$ (static) = 0,10 $\mu_{rd}$ (dynamic) = 0,05
Ski gliding on GEOSKI	-	$\mu_{rs}$ (static) = 0,32 $\mu_{rd}$ (dynamic) = 0,24
Maximum transportable weight	kg/m <sup>2</sup>	4000.00
Place of production	-	Italy

*considering the recycled material, the measurements should be considered with a tolerance of  $\pm 1.5\%$*

### 3. PACKAGING AND TRANSPORT

Product code	-	FGSKITO4040
Packaging dimension	cm	80 x 120 x H155
Packaging type	-	Stacked and wrapped in plastic film on pallets
Quantity per pallet	pcs	300
Surface per pallet	m <sup>2</sup>	50
Gross weight of the packaging	kg	281

## 4. LAYING METHOD

### a) Laying ground

The ground must have a flat, compact and stable surface; the slope may vary between 0° and 40°. The bottom must be made of beaten earth if possible and there must be no stones or other debris that could disturb the installation of the product.

### b) Protective surface

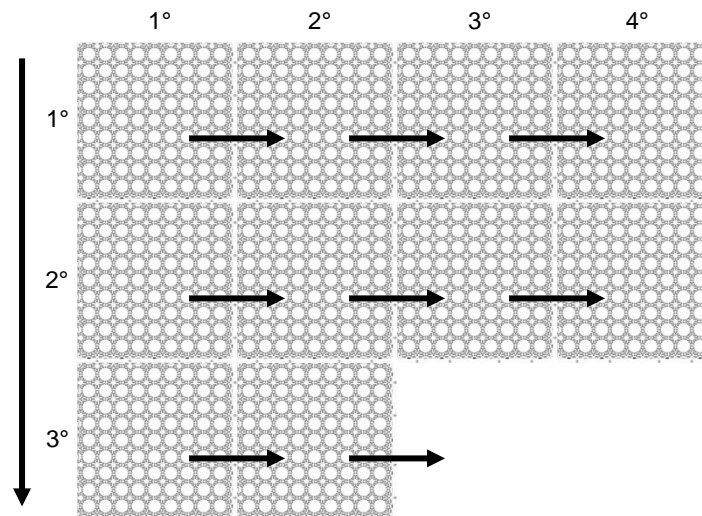
When the ground is ready, the protective sheets (non-woven fabric) are laid; these must cover the entire surface covered by the track (plus a 50 cm strip outside the product which runs around the entire perimeter), leaving no gaps between them. Once installed, they must then be nailed to the ground using the appropriate plastic screws. After completion of the work, the area concerned must have a uniform and continuous surface.

### c) GEOSKI installation

Installation must be from top to bottom and from left to right; it is only possible to proceed with one horizontal row at a time and installation must possibly involve the entire surface provided for the GEOSKI track. The tiles have spring hooks that allow the thermal expansion of the product itself.

The laying mode is as follows: first the connections on the vertical side must be hooked; when they are well hooked and enlarged (they are therefore in "basic position"), you can proceed to hook those on the horizontal side.

There must be no constraints on the sides of the entire track, so that the product is free during thermal expansion. In addition, each tile can be shaped in the case of fixed obstacles, such as trees, protective nets, etc...



#### d) Ground fixing

For the fixing to the ground, special plastic screws have been provided; these must be used according to a precise scheme.

The first two rows of tiles, at the top of the track, must be hooked to the ground with one screw for each element. From the third to the tenth row, on the other hand, the screws must be fixed alternately with a yes and a no element.

After that you can proceed more freely, walking on the surface and nailing the product to the ground at the discretion of the installer (about one screw every square of 2x2), or where it is necessary (as in the case of potholes), so that the GEOSKI is always in contact with the ground and thus to avoid dead spots.

In the case of large holes or bumps, several screws can be used, in order to always give stability to the entire structure.

The fixing must be made with the tiles in "base position", that is with the expansion joints well stretched; in addition, the screws must be fixed to the centre of each tile.

