

ARTIFICIAL TURF



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1. CODE REGISTRY

Code	Description	Dimension (mm)	Weight	Pkg. / Pallet
GAR03-0034	Artificial turf - 25 mm - 50 smq roll	2,0 x 25 m - h. 25 mm	115 kg/pc.	1 pc. / - pcs.
GAR03-0035	Artificial turf - 35 mm - 50 smq roll	2,0 x 25 m - h. 35 mm	151 kg/pc.	1 pc. / - pcs.
GAR03-0036	Artificial turf - 45 mm - 50 smq roll	2,0 x 25 m - h. 45 mm	151 kg/pc.	1 pc. / - pcs.

MATERIAL

Made of high-density plastic polymer filaments.

Structure of the item		GAR03-0034	GAR03-0035	GAR03-0036	
Height of the filaments	mm	25	35	45	± 2 mm
Dev. of the filaments	mm	58	76	98	± 4 mm
Frame		5/16	3/8	5/16	
Production type (DIN 61151)		Tufted			
Points per Sqm	nr	15.150	17.850	15.150	± 5 %
Filaments per Sqm	nr	424.200	571.200	424.200	± 5 %
Total weight	gr/sqm	2.315	3.035	3.085	± 5 %
Diameter of the draining holes	mm	5			± 1 mm
Number of draining holes per sqm	nr/sqm	90			
Water permeability (EN 12616 - Esigenza > 360 l/h)		> 360 l/h			
Properties of the filaments		GAR03-0034	GAR03-0035	GAR03-0036	
Title	dtex	12.450	11.850	12.450	± 4 %
Composition		Mix Polypropylene/Polietylen			
Thickness	micron	220/90	160/95	220/90	± 4 %
Structur		Straight filament/ Curve filament			
Colour		Green/Beige	Bicolor (Light and Dark green)	Green/Beige	
Total weight of the filaments	gr/sqm	1.120	1.640	1.890	± 5 %
Properties of the support		GAR03-0034	GAR03-0035	GAR03-0036	
Primary composition		Polypropylene + Mesh			
Primary weight	gr/sqm	195			± 2 %
Coating		Latex			
Weight of the coating gr/sqm	gr/sqm	1.000	1.200	1.000	± 5 %

ARTIFICIAL TURF

2. USE

Product designed for both indoor and outdoor.

It is an excellent solution as finishing for the poolside, to set up a special outdoor area such as baby areas (it does not attract insects and mosquitoes and does not give rise to allergies), relaxing areas, patios or to renovate a terrace or a balcony.



2. USE - INSTALLATION

BUILD A SUPPORTING SURFACE

An aesthetically and durable garden starts with a perfect base for the artificial turf.

The steps to get a perfect base are:

- Set a planar supporting surface;
- Remove roots and weeds that could sprout again;
- Make it resistant to heavy loads that could warp or curve it.

MAKE IT SMOOTH

Use a leveler to smooth the surface and eventually remove the slopes higher than 1 cm on 3 meters and make sure that no rocks, roots or debris emerge from the ground.

WEED IT

Weed the surface and remove the roots. Treat the surface once a year, during spring.

COMPACT THE SURFACE

Compact the surface with a steamroller or a similar tool and make it resistant to dips.

Be careful to the drainage of the waters : these create dips and streams that could compromise the firmness of the surface.

Cover the surface with a non-woven fabric (weight advised : non less than 150 gr/sqm). This will allow an equilibrate distribution of the accidental loads that could uneven the surface or use some drainage stones to obtain an extra draining power.

OTHER TYPES OF SURFACES

Our artificial turf can be laid on different types of pre-existing surfaces.

Consistency, planarity, gradients, drainage.. they all depends on what kind of result is needed.

We suggest to use a cushioning mat to reproduce the real softness of the grass or in those cases where the drainage of the water is critical.

A waterproof cushion mat can be laid between the surface and the artificial turf , the use of a waterproof sheath is optional.

The artificial turf can be installed on screeds, on solar or insulated pavements.

The installation on terraces or solar pavements entails the application of anchoring elements or glues that anchor the tiles to the floor.

INSTALLATION OF THE ARTIFICIAL TURF

Unroll the artificial turf and let it stand for at least 24 hours; this will allow the material to lose the folds due to the wrapping.

Cut according to the needs; we suggest you to lay the tiles in parallel along the longer side

FREE INSTALLATION – self-adhesive jointing band (domestic use)

Once the grass sheets are perfectly aligned, raise the outer edges and adhere them to one of the two sides of the self-adhesive jointing band then gently fold them over and place the other roll on the band. Press firmly on trampling and allow to rest for approx. 8 hrs.

FREE INSTALLATION - band and glue (professional use)

Once the grass sheets are perfectly aligned, lift the outer edges and spread the geotextile band on which the glue will be applied with the appropriate spatula, exactly in the middle of the joint; gently fold the two edges of the grass sheets and lay the glue on it, take care not to soil the filaments of grass. Press firmly on trampling and allow to rest for approx. 12 hrs.

GLAZED INSTALLATION

Once the sheets are perfectly laid and aligned, gently wrap them up to the centre and spread the glue over the entire surface with a suitable spatula; carry out the part of cloth and repeat the operation on the other. Press on trampling or use a steamroller and allow to rest for approx. 24 h.

SANDBLASTED GRASS

For some types of synthetic grass it is necessary to spread some sand or other grain.

After laying the grass and put in place one of the above procedures, spread a light layer of sand evenly and rake so that no blade of grass is trapped under the material.

Repeat the operation until the desired thickness is reached .

We advise to leave about two centimetres of wire free so that there is enough sand to support it and that you see the green of the grass.

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3. TECHNICAL SPECIFICATION

Specification	Description	Unity	Price
Dak.O.GAR03.003x	Supply and installation of Artificial turf made of high-density plastic polymer filaments, sewn on a draining support. Extremely easy in the setting and in the maintenance, as it is simply washed with water, possibly mixed with the bactericide detractor and then nebulized. In order to guarantee a realistic effect at the sight and touch, the artificial turf is filled of shorter filaments at the base alternated with longer filaments (length according to the various heights available). They are available in various heights, with sizes from 25, 35 and 45 mm. Made of high-density plastic polymer filaments. Designed for use both indoors and outdoors. Excellent solution for finishing poolside, to set up a special outdoor area such as baby areas (it does not attract insects and mosquitoes and does not encourage allergies), relaxation areas, patios or to renovate a terrace or a balcony.		
Dak.O.GAR03.0034	h. 25 mm.....	pc.	-
Dak.O.GAR03.0035	h. 35 mm.....	pc.	-
Dak.O.GAR03.0036	h. 45 mm.....	pc.	-

4. ACCESSORIES

Code	Description	Dimension (mm)	Weight	Pkg. / Pallet
GAR03-0037	Tape	140 mm x 10 m - thick. 1,5 mm	- kg/pc.	4 pcs. / 192 pcs.
GAR03-0080	Detergent	750 ml	- kg/pc.	- pc. / - pcs.
GAR03-0081	Silica sand	25 kg	- kg/pc.	1 pc. / 64 pcs.
GAR03-0060	Non-woven fabric	1,0 x 50 m	- kg/pc.	1 pc. / 16 pcs.