

Artificial Turf 3079

Realistic appearance, high water permeability, UV-stabilized, for interior and exterior use



Field of application

Artificial turf for permanently green areas, both inside and out On, e.g., small garden areas that face north or for unfavorable ground conditions where growing real grass would never stand a chance. Artificial turf can also be laid on terraces, balconies or in pergolas. Furthermore, it is also suitable for us on high-use surfaces in commercial areas.

Properties

- Realistic appearance with colored yarn types
- With high water permeability
- Environmentally friendly, because it is free from lead or cadmium
- For interior and exterior use, depending on quality

Material description

Base material	Special yarns made of polyamide or polyamide or polyethylene on carrier fabric			
Surface texture	Artificial turf surface in 4 qualities, according to the sample card			
	1156 Bilma	1157 Rissani	1158 Siwa	1159 Zagora
Rear construction	100% PP black UV stabilized	100% PP black UV stabilized	100% PP black UV stabilized	100% PP black UV stabilized
Pile material	Polyamide	Polyethylene monofilament	Polyethylene monofilament	Polyethylene monofilament
Division	3/8"	3/8"	3/8"	3/8"
Pile service weight	Approx. 810 g/m ²	Approx. 1,050 g/m ²	Approx. 1,850 g/m ²	Approx. 1,761 g/m ²
Total weight	Approx. 1,781 g/m ²	Approx. 2,021 g/m ²	Approx. 2,821 g/m ²	Approx. 2,656 g/m ²
Pile height	Approx. 18 mm	Approx. 26 mm	Approx. 36 mm	Approx. 38 mm

Material description				
	1156 Bilma	1157 Rissani	1158 Siwa	1159 Zagora
Nub quantity/m²	Approx. 13,650	Approx. 13,650	Approx. 18,900	Approx. 25,200
UV stability in accordance with DIN 53387	6,000 hours	6,000 hours	6,000 hours	6,000 hours
Water permeability	60 liters/min/m ²	60 liters/min/m ²	60 liters/min/m ²	60 liters/min/m ²
Fire class	schwer entflammbar (flame-retardant) Cfl-s1	–	–	–
Filling with quartz sand	–	Quartz Sand 1526	Quartz Sand 1526	Quartz Sand 1526
Area of application	Garden, landscaping, terraces Indoor	Garden, landscaping, terraces	Garden, landscaping Terraces	Garden, landscaping Terraces
Supply widths	200 and 400 cm	200 and 400 cm	200 and 400 cm	200 and 400 cm
Packaging	Individually on roll (max. 20–25 m length)			

Storage

Store in a cool and dry location, protected from contamination.

Adhesive tape Deco Green 3079



Strong adhesion, heat and aging resistant, for interior and exterior use

Field of application

Adhesive tape for fixing the seam areas of Artificial Turf 3079

Properties

- With high-quality adhesive
- Strong adhesion
- Exceptionally heat and aging-resistant
- for interior and exterior use

Material description

Width 15 cm

Packaging 5 m per roll

Storage

Store in a cool and dry location, protected from contamination.

Planning and testing	We recommend creating an installation plan beforehand, in order to determine the position of the joints and the required quantity of artificial turf. On surfaces over 4 meters wide, joint formation is required. Before laying, the artificial turf is to be checked for any potential visible defects such as material flaws or damage.
Substrate preparation	<p>For exterior surfaces</p> <p>Remove any existing natural grass or weeds, stones, branches, etc. Even out the ground and level it with a generous layer (5 to 6 cm) of construction sand. Even out the sand layer with a vibrating plate and water it, in order to ensure an even surface. If necessary, an additional weed-control nonwoven/stabilization cloth can be laid.</p> <p>For interior use</p> <p>The substrate must be even, solid, dry, clean, and load-bearing. All commercial flooring must be firmly attached to the substrate. The artificial turf must not be glued to the substrate.</p>
Laying	Roll out the artificial turf and straighten out any wrinkles. The artificial turf should be laid with the fibers oriented toward the main direction they are seen from. If temperatures fall, artificial turf can shrink slightly. Temperature deviations during laying e.g. 20–25°C during the day, and evenings that cool to e.g. 17°C, can cause this. We therefore recommend that the artificial turf be laid 2 to 3 cm longer. The artificial turf is cut with a cutter knife. To establish the joint connections, push the artificial turf back and cut off the edges of the protruding, heavy polypropylene cloth, to which the synthetic grass fibers are tufted. Roll out the next strip of artificial turf and do the same here, cutting off the heavy polypropylene cloth at the edges. Lay both strips together so that no joint is visible. The joint width between the two strips must not be greater than 4 mm. To secure both strips, turn down a piece and apply the Deco Green 3079 adhesive tape with the adhesive side up, just under the joint. Pull off the white protective film from the adhesive tape bit by bit, carefully push both artificial turf strips together and firmly press down on the adhesive tape with both hands. Repeat the laying and seam formation until the entire surface is covered with the artificial turf. To finish, cut the edges at the sides of the area in the desired form/outline.
Spread the quartz sand covering	We recommend that on exterior areas with natural floors the artificial turf textures 1157 Rissani, 1158 Siwa, and 1159 Zagora be used, and after laying, sprinkled with Quartz Sand 1526. To do so, spread approx. 3–4 kg/m ² of Quartz Sand 1526 on the surface and brush in with a hard brush. Sweep off any excess material.

Notes

Check the artificial turf Before cutting and laying, check the supplied artificial turf for transport damage, flaws, and color variation. Complete color uniformity is only possible within one delivery and production batch. We also reserve the right to technically unavoidable deviations in color. Claims made after completion of laying cannot be accepted.

Further information Follow the instructions on the data sheets of the products used.

Remark

This Data Sheet is based on extensive development work and years of practical experience. The translation corresponds to the current German version, in compliance with the German laws, regulations, standards and guidelines. Its content does not constitute a contractual legal relationship. The user/buyer is not released from the responsibility of checking our products to ensure they are suitable for the intended application. In addition, our general terms of business apply.

When a new version of this Data Sheet with updated information is published, the previous version no longer applies. The current version is available on our website.

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