



# SYNNATURAL 42 GTR

Enhance any living space with this unique artificial turf variety, which is ideal for private and commercial applications. As an absolute world first, this turf has already made it to the Fan Mile in Berlin, Germany, where it withstood the stress test of thousands of fans and football enthusiasts. The appearance is also impressive and beautiful. In summary, this product combines unique technology with robust durability – our SYN Natural 42 GTR is a true all-rounder and has already been tested by thousands of people.

-  PATENTED NON-DIRECTIONAL DESIGN
-  NATURAL APPEARANCE
-  SUPERIOR SOFTNESS
-  PLANT-BASED TECHNOLOGY

CONTACT YOUR LOCAL  
SYNLAWN DEALER FOR  
INSTALLATION DETAILS.



NOT TO SCALE, FOR ILLUSTRATION PURPOSES ONLY.



LANDSCAPE

| SPECIFICATIONS                 | VALUE                                                                       |      | METHOD      |
|--------------------------------|-----------------------------------------------------------------------------|------|-------------|
| Finished Pile Height           | 42 mm                                                                       | ± 10 | ISO 8543    |
| Manufacturing Process          | Tufted Cut Pile                                                             |      |             |
| Quality                        | Free of Heavy Metals and Toxins                                             |      | DIN 18035-7 |
| Roll Width x Length            | 2 m, 4 m x ca. 25 m                                                         | ± 1  |             |
| Yarn Material                  | 100% PE monofilament bio-based with PP thatch                               |      |             |
| Grass Zone: Colors             | 5 green colors                                                              |      |             |
| Grass Zone: Denier             | 13,800 Dtex / 12 Ply                                                        |      |             |
| Thatch Zone: Colors            | Dark Green, Beige                                                           |      |             |
| Thatch Zone: Denier            | 5,000 Dtex / 8 Ply                                                          |      |             |
| Overall Denier                 | 18,800 Dtex / 20 Ply                                                        |      |             |
| Grass Zone: Shape              | -                                                                           |      |             |
| Finished Pile Weight           | 1,320 g/m <sup>2</sup>                                                      | ± 10 | ISO 8543    |
| Backing                        | 100% PP, UV Stabilized, ± 200 g/m <sup>2</sup>                              | ± 10 |             |
| Backing weight                 | ± 650g/m <sup>2</sup>                                                       | ± 10 |             |
| Stitch Rate per Meter          | 120                                                                         | ± 10 | ISO 8543    |
| Stitch Rate per m <sup>2</sup> | 12,600                                                                      | ± 10 | ISO 8543    |
| Tuft Gauge per m <sup>2</sup>  | 503,940                                                                     | ± 10 | ISO 8543    |
| Tuft Machine Gauge             | 3/8                                                                         |      |             |
| Total Weight                   | 2,200 g/m <sup>2</sup>                                                      | ± 10 | ISO 8543    |
| Tuft Bind / Tensile Strength   | 60N/mm / ≥ 25N (After water aging)                                          |      | EN 4919     |
| Testing                        | REACH Annex XVII Entry 50, EN 71-3 Table 2 Category 3                       |      |             |
| Permeability                   | > 1,600 - 1,800 L/h/m <sup>2</sup>                                          |      | EN 12616    |
| Dimensional Stability          | ≥ 1%                                                                        |      | EN 12616    |
| Installation Method            | Loosely laid on bound or unbound substrate                                  |      |             |
| Infill                         | Quartz sand, grain size 0.5 - 1.0 mm                                        |      |             |
| Sand Type/Recommendation       | min. 80% rounded grain size /min. 5 kg per m <sup>2</sup> for stabilization |      |             |
| Warranty                       | 15* Years                                                                   |      |             |

\*The binding warranty conditions result exclusively from the current Warranty Terms and Conditions.