



Designer Deck Inc.  
101 PLANCHET RD. UNIT #6-7  
CONCORD, ON. L4K 2C6

## Verdure Line / Grass Tile Inserts

**Updated:** Feb 26/2026

[Product Data Sheet]



### Fresh Practicality

Designer Deck's *Verdure Line* grass inserts are engineered artificial turf deck tiles designed for integration within our modular outdoor flooring systems. This product introduces visual contrast and defined spatial separation while enhancing dimensional depth across balcony, rooftop, terrace, and patio surfaces. Each tile is manufactured for exterior performance and durability under challenging environmental conditions. The system incorporates a perforated rubber backing engineered to facilitate efficient water drainage and air circulation, promoting surface breathability and long-term structural integrity.

*Verdure* grass Inserts are suitable for a range of residential and light commercial applications, including designated play zones, pet relief areas, private recreational spaces, and decorative balcony or patio accents. The product is designed to integrate seamlessly with our compatible deck tile systems to support both functional and aesthetic design objectives.



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## Applications

*The Verdure Line* has been designed and tested to perform in a variety of applications and environments. This accent deck tile is ideally suited for applications such as condo and walk-out balconies, existing structural decks, rooftops, terraces, patios and high-rise building entry cul-de-sacs.



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### Installation System

*The Verdure Line* has been engineered to sit directly on outdoor project foundations. As such, this line of deck tile intentionally follows the trajectory in a surface and is generally recommended for sloping of 2% or less. The pressure treated wood risers attached on the back of the tile's wood backing, allow for maximum water and air flow thus mitigating moisture build-up or ponding if the foundation has been sloped correctly, however they can also be removed for reverse roof applications only. Roofing shingles should be cut into 1.5-2" wide strips and used for flush leveling the product where raised edges occur due to foundation irregularities and/or to mitigate rocking.

All Designer Deck flooring systems and parts are non-structural assemblies and shall not be used to support or anchor railings, guardrails, handrails, fixed umbrellas, pergolas, privacy screens, or other permanent components; all associated loads must be independently transferred to a suitably engineered structural substrate. The installer/contractor is solely responsible for the design, installation, anchorage, structural adequacy, and code/by-law compliance of such components. Any third-party penetration, attachment, alteration, or modification of the flooring system voids the applicable Designer Deck product and workmanship warranty, and Designer Deck assumes no liability for resulting deficiencies, failures, damage, or claims, except where caused by Designer Deck's negligence.





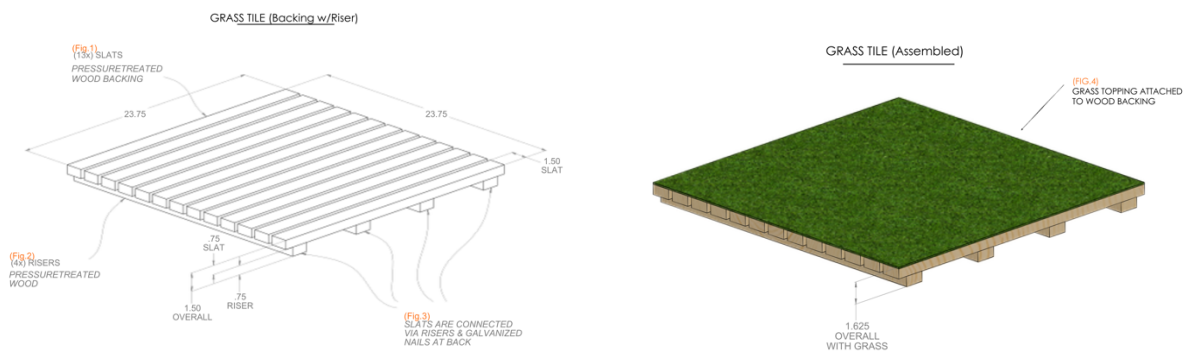
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### Product Features



Grass deck tiles provide excellent durability for everyday use. The treated wood backing combined with the synthetic grass topper is designed to withstand a variety of challenging conditions, including exposure to sunlight, heat, snow, ice and insects, while maintaining protection for delicate and finished surfaces.

The Verdure Line features  $\frac{3}{4}$ " pressure-treated wood risers (Fig. 2) attached perpendicular to a stable pressure treated wood backing (Fig. 1). These risers allow for optimal lateral and horizontal airflow and water drainage beneath the system when installed over a foundation. The risers can be repositioned near cut lines and reattached with galvanized nails to help secure the product prior to cutting. Once cut and positioned in place, the pre-cut grass top can be stapled down securely over the backing, by angling and embedding the staples underneath the grass blades to complete and assemble the system (Fig. 4). The product is also available pre-assembled with the grass top and upon request, if no cutting is required. The deck tile accent is available exclusively in a 2' x 2' size.



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### Product Features

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- True floating system – allows for ease of access underneath the elevated system for the ability to run small wiring (i.e. for system pot lighting), piping or irrigation lines etc. Adhesives or screws are not required to secure system to the receiving surface.
- Strikingly realistic grass top, with depth, dynamic and soft to touch.
- Product equipped with  $\frac{3}{4}$ " pressure treated wood risers attached to a  $\frac{3}{4}$ " pressure treated wood backing tile; designed to support the grass top and provide ample voids underneath the assembled product, for maximum air/water flow.
- Adhesives or screws are not required to secure the system to the receiving surface (foundation), unless otherwise specified and/or required for additional support.
- Low-profile design complies with building height restrictions and codes requirements.
- Ideally suited for exterior applications such as patios, balconies and roof terraces that require a unique aesthetic but functional area(s) suited for children's safety, play and pet use.
- Available exclusively in a 2'x 2' tile size (see "Specifications" section for actual dimensions)
- Product warranty ensures no defects in materials and workmanship and does cover damage resulting from misuse, or modification to the system post qualified installation.



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### Variation



*The Verdure Line* transforms any outdoor surface into a visually striking and versatile space by introducing clear separations that define functional areas, while simultaneously adding depth and dimension to the overall appearance of your balcony, rooftop, terrace, or patio flooring. Its modular design allows for creative freedom: you can experiment with staggered patterns, angled installations, or even curve-cut configurations to seamlessly adapt the tiles to any space. Additionally, strategically placing the grass inserts as accents enhances focal points, creates visual interest, and brings a touch of natural vibrancy to your outdoor environment, making each layout uniquely your own.



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### Synthetic Grass (Surface Material)

|                               |                                                                        |
|-------------------------------|------------------------------------------------------------------------|
| Application:                  | Residential – Commercial                                               |
| Production Process:           | Tufted cut pile                                                        |
| Pile Material:                | 100% PE, monofilament, micro-curl                                      |
| Yarn Dtex:                    | 7.250 Dtex / 14 ply                                                    |
| Quality:                      | 100% European product, free of heavy metals and toxins                 |
| Primary Backing:              | 100% PPE w/mixed rubber infill, UV stabilised, approx. 160 gr. +/- 10% |
| Coating:                      | SBR Latex, approx. 685 gr./ m2 (+/- 10%)                               |
| Water Permeability:           | Approx. 60 in. per/hr                                                  |
| Pile Height:                  | 1-3/4"                                                                 |
| Total Height of Construction: | Approx. 1-3/4" (+/- 10%)                                               |
| Pile Weight:                  | 40 oz/sq. yd                                                           |
| Total Weight of Construction: | 65 oz/sq. yd                                                           |
| Stitch Gauge:                 | 3/8" gauge                                                             |
| Stitches Per Linear Meter:    | 170 (+/- 10%)                                                          |
| Stitches Per Square Meter:    | 17.850 (+/- 10%)                                                       |
| Filaments Per Square Meter:   | 249.900 (+/- 10%)                                                      |
| Light Fastness:               | Blue scale 1-8 > 7 (according DIN 54004)                               |
| Color Fastness:               | Grey scale 1-5 > 4 (according DIN Standard)                            |
| Primary Fibre Color:          | Field Green + Jute + Brown (strands)                                   |

### Wood Support Backing & Risers

|           |                                                                     |
|-----------|---------------------------------------------------------------------|
| Material: | PAD (partly air dried) grade 2 wood or better – spruce/pine mixture |
|-----------|---------------------------------------------------------------------|



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### Specifications

#### Tile Dimensions (Assembled w/Riser)

24" x 24"

**H:** 1.63" x **W:** 23.75" x **L:** 23.75"

#### Tile Dimensions (Assembled w/out Riser)

24" x 24"

**H:** 0.88" x **W:** 23.75" x **L:** 23.75"

*Note: Variance may occur in overall assembly of product, due to minor and uncontrollable manufacturing processes*

#### Tile Weight (per sq.ft) with risers:

2.52 **lbs.** / 1.44 **kg.** (24" x 24")

#### Tile Weight (per sq.ft) without risers:

2.06 **lbs.** / 0.93 **kg.** (24" x 24")



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### Sustainability & Environmental

Synthetic grass products are considered an excellent option for the environment and sustainability. Here's a breakdown of several key factors which substantiate the materials used in building projects and of why they're eco-friendly:

#### 1. Water Conservation

- Artificial grass requires no watering, unlike natural solutions which can consume thousands of liters per year.
- Reduces strain on municipal water supplies, especially in drought-prone regions.

#### 2. Elimination of Chemical Use

- No need for fertilizers, herbicides, or pesticides, which can leach down foundations, into soil and waterways thus potentially harming wildlife.
- Supports chemical-free resurfacing, reducing pollution.

#### 3. Durability and Longevity

- High-quality artificial grass can last 10-20 years, reducing the need for frequent replacement.
- Long lifespan reduces material waste compared to annual reseeding or renovations.

#### 4. Recyclable and Recycled Materials

- Many modern artificial grass products are made from recycled plastics like polyethylene or polypropylene.
- At the end of life, the product is recyclable, helping reduce landfill waste.
- Permeable rubber backing on grass is a cryogenic rubber infill made of 100% recycled tires

#### 5. Reduced Carbon Footprint

- Eliminates gas-powered lawn maintenance equipment, such as mowers and trimmers, reducing greenhouse gas emissions.
- Less transportation and production of fertilizers and water pumping also contribute to a smaller environmental impact.

#### 7. Low Maintenance Reducing Resource Use

- No need for regular watering, mowing, or fertilizing saves energy, water, and time, making it resource-efficient.