



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

Vivid Collection / Recycled Plastic (Wide Board) Deck Tile

[Product Data Sheet]

Updated: Feb 26/2026



Sustainable Beauty

Designer Deck's high-performance *Vivid Collection* of deck tiles are crafted from recycled plastic and designed to enhance both your outdoor lifestyle and the environment. In a marketplace increasingly focused on promoting sustainability, this flooring truly embodies the meaning of "recycled." Each tile is made from plastic materials once destined for landfill, now transformed into a beautiful and practical solution.

These deck tiles tell a compelling sustainability story while serving a functional purpose as an extension of your home. Designed for high-traffic areas, this non-slip, durable product features an embossed grain finish and is available in a variety of colors to complement any space. Ideal for those seeking a modern aesthetic with minimal maintenance, the *Vivid Collection* delivers style, performance and peace of mind-so you can feel confident knowing your purchase helps protect the environment.



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Applications

The Vivid Collection has been designed and tested to perform in a variety of applications and environments. This deck tile is ideally suited for applications such as condo and walk-out balconies, existing structural decks, rooftops, terraces and patios that are smaller in size and receive partial sunlight/heat.



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Installation System

The Vivid Collection 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, allow for maximum water and air flow thus mitigating moisture build-up or ponding if the foundation has been sloped correctly. 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.





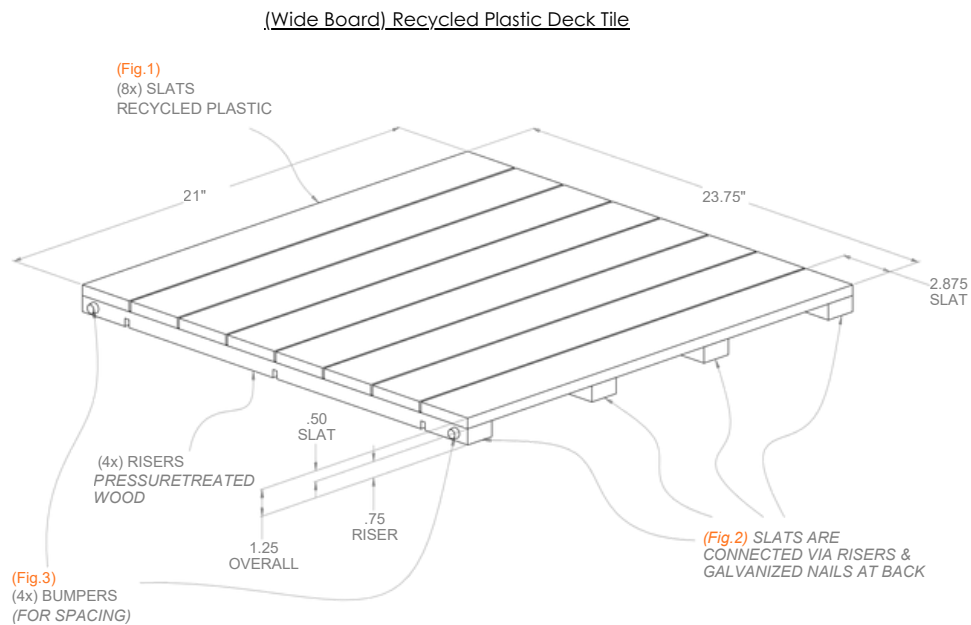
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Product Features



Recycled plastic deck tiles offer exceptional durability for everyday use. This stable surface material (Fig. 1) is engineered to withstand a variety of challenging conditions, including partial sunlight, heat, snow, and ice, while protecting delicate and finished surfaces.

The Vivid Collection features $\frac{3}{4}$ " pressure-treated wood risers (Fig. 2) attached perpendicular to the back of the surface boards. Integrated grooves allow for optimal water drainage and airflow beneath the system, both laterally and horizontally, over a solid foundation. The risers can also be repositioned near cut lines and reattached with galvanized nails to help secure the product prior to cutting. Additional silicone bumpers (Fig. 3) may be installed on the riser end pieces to achieve preferred spacing and to accommodate natural expansion and contraction. Deck tiles are available by special order in 2' x 1' and 2' x 2' sizes.



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Product Features

- 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.
- Product equipped with $\frac{3}{4}$ " pressure treated wood risers underneath, providing an ample void for maximum air/water flow
- Low-profile design complies with building height restrictions and codes requirements.
- Ideally suited for exterior applications such as patios, balconies and roof terraces installations that required drainage.
- Custom manufactured in tile sizes such as 12"x 24", 24"x 24
- Durable non-slip surface available with an embossed realistic wood grain surface
- Product warranty ensures no defects in materials and workmanship and does cover damage resulting from misuse, or modification to the system post qualified installation.
- Material Safety Data Sheets (MSDS) are available for each component of the Vivid Collection deck tile



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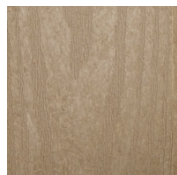
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Variation



The Vivid Collection offers diversity in aesthetic vision, giving designers, architects and installers access to different sizing formats in appealing layouts. This includes designs such as checkerboard or herringbone patterns along with accents and boarder options that can be achieved by mixing. The end result allows for the design and installation of a multitude of modern and contemporary colours and patterns.



Sandstone



Stormy Day



Deep Barrel



Dusty Pebble



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Recycled Plastic Deck Boards (Surface Material)

Technical Properties

Mechanical Properties @ 70°F	ASTM Standard	Average Value
Density/Specific Gravity (g/cc)	D6111	0.7064
Density/Specific Gravity (pcf)	D6111	44.1
Water Absorption	D570	< 0.1
Compression - Secant Modulus (psi)	D6108	104,420
Compression – Stress @ 3% Strain (psi)	D6108	1,999
Flexure – Secant Modulus (psi)	D6109	113,595
Fastener Pullout Failure Load (lbs)	D6117	1,522
Fastener Shear Maximum Load (lbs)	D6117	769
Coefficient of Friction – Embossed (Dry) Rubber	D2047	0.90
Coefficient of Friction - Embossed (Wet) Rubber	D2047	0.97
Thermal Expansion (standard) (in/in/°F)	D6341	4.965 x 10 ⁻⁵
Thermal Expansion (decking) (in/in/°F)	D6341	4.33 x 10 ⁻⁵
Flame spread	E84	Class C



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Specifications

Tile Dimensions

24" x 24" (Square Tile)

H: 1.25" x **W:** 23.75" x **L:** 23.75"

12" x 24" (Subway Tile)

H: 1.25" x **W:** 11.75" x **L:** 23.75"

Recycled Plastic Surface Board Dimensions

H: 0.5" x **W:** 2.58" x **L:** 23.75"

Tile Weight (per sq.ft):

2.81 **lbs.** / 1.27 **kg.** (24" x 24")

1.41 **lbs.** / 0.64 **kg.** (12" x 24")



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Sustainability & Environmental

Recycled plastics 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. Durability = Less Waste

Exterior rated recycled plastic tiles are *extremely durable*—resistant to moisture and frost. This means:

- **Long lifespan** → Fewer replacements over time.
- **Less material waste** → Reduced environmental impact from production, transport, and disposal.

2. Use of Recycled Materials

- **Diversion** – These types of plastics have been deemed unusable until recent; unlike conventional plastics which can be repurposed into other products. The proprietary process required to convert these classes of plastics into usable solutions, successfully diverts staggering tons material which are otherwise destined for landfill.

4. Low Maintenance Requirements

- They don't need regular staining, sealing, or painting, which **reduces the use of chemical finishes, solvents, and paints** that can pollute soil and waterways.
- This also cuts down on energy and material consumption over time.

5. Recyclability & End-of-Life Options

- Plastic deck boards can be ground down and recycled at the end of their life, closing the materials loop and supporting a circular economy.

6. Great for Green Building Projects

Recycled plastic deck tiles can contribute to **LEED points** (Leadership in Energy and Environmental Design) as well as other certifications programs that offer frameworks for assessing and improving building sustainability, specifically in categories such as:

- Sustainable materials
- Regional sourcing
- Energy efficiency
- Recyclability
- Innovation
- Materials and Resources