

# TECHNICAL DATA SHEET

## RESIN PU TRIDRIVE UVR BOUND PAVING SYSTEM PART A & B

### PRODUCT IDENTIFIER

<b>Product Name:</b>	<b>Resin PU TriDrive UVR Bound Paving System Part A &amp; B 1154673 Rev.2</b>
<b>Revision Date:</b>	<b>23-SEP-2025</b>

### Description of Product

It is a high performance, two-component, UV stable, solvent-free system that is SUDs (Sustainable Urban Drainage system) compliant when mixed with aggregate blends. Once cured with aggregate blends, provides an attractive and durable finish for a range of uses.

### Fields of Applications

By mixing natural aggregates (1-3 or 2-5 mm) i.e., marble, natural stone and quartz to create a decorative, self-draining floor for interior and exterior uses:

- Driveways,
- Paths, terraces & patios,
- Tree bases/pits,
- Swimming pool surrounds,
- SUDs areas.

### Advantages

- Solvent free,
- High strength system,
- UV stable,
- Porous & SUDs compliant.

### TECHNICAL PROPERTIES

#### Physical Properties

QUALITY (23°C, 50% RH)	VALUE	STANDARD & METHOD
<b>Appearance</b>	Component A: Transparent, Liquid Component B: Transparent, Liquid	-
<b>Density (gr/m<sup>3</sup>)</b>	Mix A + B: 1.10 ± 0.05	EN ISO 2811-1
<b>Solid Substance (wt%)</b>	100	EN ISO 3251

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## Mechanical Properties

QUALITY (23°C, 50% RH, 7 Days)	VALUE	STANDARD & METHOD
Compressive Strength (N/mm <sup>2</sup> )	>60	EN ISO 196
Bending Strength (N/mm <sup>2</sup> )	>15	EN ISO 196
Taber Abrasion Resistance (CS 10/1000/1000)	>60	ISO 5470-1
Adhesion Resistance (N/mm <sup>2</sup> )	>2	EN 1542 / ASTM D 4541
Hardness (Shore d)	>50	EN ISO 868 / ASTM 2240

## Technical Properties After Application & Curing

QUALITY (23°C, 50% RH, 7 Days)	VALUE	STANDARD & METHOD
Mixture Rate	50:50	-
Mixture Life (minute)	30	as A + B mix in 100 gr
Full Curing (days)	7	at 23 °C – 50% RH
Opening to Light Traffic (days)	1	at 23 °C – 50% RH

## Application

**Surface Information:** The concrete/asphalt sub-base surface must be capable of bearing loads, free of cracks, be clean, dry and free from contamination/laitance. To increase the adhesion of the system to the concrete use a polyurethane impregnation primer. It is important to ensure that the substrate is dry prior to application to 75% RH and free from rising damp.

**Installation:** TriDrive installation should be carried out by an applicator with documented quality assurance and experience. It is important that all natural aggregates provided by third parties must be kiln dried.

**Cleaning of Tools:** With thinners or white spirit.

## Storage

Shelf life from date of production, when stored in original, unopened containers. Thereafter, the product quality must be re-inspected. Storage at elevated temperatures may reduce shelf life. For advice, please consult the supplier.

**Storage conditions:** Product must be stored according to local legislation, at a maximum 40°C (104°F), without direct sunlight and protected from rain and snow.

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