

weberfloor Pierre Decor Series is a seamless decorative flooring system that combines pigmented polyurethane resin with marble, colored glass, granite, or other aggregates. Applied at 3 mm to 1 cm thickness, it is then ground and polished for a refined finish. This system provides durability, color stability, and wear resistance, making it a long-lasting flooring solution.

Technical Data Sheet

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TECHNICAL DATA

Color	Terrazzo's Motive
Consumption	<p><u>Primer</u> weberprim Hybrid 911 MT (2K) Light Grey (0.15–0.3 kg/m²) + Quartz Broadcast</p> <p>Note: Primer consumption is based on shot-blasted concrete. Higher porosity may increase material usage.</p> <p><u>Body Coat</u> weberfloor PUR Décor 2603 (4K) Color (20–25 kg/m², depending on gravel size)</p> <p><u>Finishing Layer</u> Weberfloor Polish Sealer 5523 or Weberfloor Hardsealer 5513 (0.1–0.2 kg/m²)</p>
Compressive Strength	55 - 60 MPa (BS6319:Part 2)
Flexural Strength	11-13 MPa (ISO 178)
Abrasive Resistance	35 mg (ASTM D4060)

Packaging

Packaging 28 Kg/Set
 Component A : 1 Kg
 Component B : 2 Kg
 Component C : 5 Kg
 Component D : 20 Kg

Shelf life

At least 12 months when stored cool and dry

Substrate of Application

APPLICATION METHOD

1. Surface Preparation

- Ensure the concrete is clean, dry, structurally sound (min. 30 N/mm² compressive, 1.5 N/mm² pull-off strength), and free of contaminants. Weber recommends mechanical preparation, such as grinding or using diamond pads.

New Concrete

- New concrete must cure for at least 28 days before application. Remove laitance and deposits with light grit blasting or mechanical grinding. For smaller areas, thorough etching may suffice.

Old Concrete

- Mechanical cleaning is recommended for old concrete, especially when heavily contaminated by oil, grease, or existing coatings, which may penetrate several millimeters deep. Ensure all contamination is removed, and clean the surface thoroughly of dust and loose debris to achieve strong adhesion.

2. Mixing

Primer

- Pour the entire hardener component into the base and mix thoroughly for 3 minutes until a homogeneous consistency is achieved. Use a slow-speed drill (200–400 rpm) equipped with a suitable mixing paddle to ensure optimal blending.

Body Coat

- Combine Part A, Part B, and Part C of weberfloor PUR Decor 2603 (4K) Color in a container. Mix for 2–3 minutes using a slow-speed drill (200–400 rpm) with a suitable paddle until homogeneous.
- Continue mixing process by adding Part D and mix for an additional 2–3 minutes until fully blended.

Patching

- Combine Part A, Part B, and Part C of weberfloor PUR Decor 2623 in a container. Mix for 2–3 minutes using a slow-speed drill (200–400 rpm) with a suitable paddle until homogeneous.

3. Application Process

Priming

- Apply 0.15–0.2 kg/m² of Weberprim Hybrid 911 MT (2K) Light Grey in a thin, continuous film to the clean, prepared surface.
- Work the primer into the surface using a notched or metal trowel.
- Avoid excess application and puddling. On wet substrate, broadcast quartz to the primer. After curing 6–8 hours, remove the unbonded quartz.
- Application should be carried out by experienced or recommended contractors.

Body Coat

- Pour the mixed weberfloor PUR Decor 2603 (4K) Color onto the primed substrate and spread it evenly with a spreader or rubber rake. Ensure the coat is smooth and level. Allow it to dry for 24 hours.

Polishing

- Perform dry polishing with a metal grinder followed by a diamond-tipped grinder after 3 days.
- Patch any exposed pores using a mixture of weberfloor PUR Decor 2623 (3K) Color in a 1:2.5 ratio.

Burnishing

- Finish the weberfloor PUR Decor 2603 (4K) Color with a protective layer of weberfloor Polish Sealer 5523 (Shiny) or weberfloor Hard-sealer 5513 (Matt) for enhanced durability.

Constraints / Pay attention

Keep away from heat, sparks, and open flames. Avoid breathing vapors and contact with skin and eyes. Keep containers closed and store in a cool, ventilated area when not in use. Proper ventilation and protective measures must be provided during mixing, application, and drying to maintain safe vapor concentrations and protect against toxic hazards. Use necessary safety equipment and carefully observe ventilation requirements, especially in confined or enclosed spaces such as tank interiors and buildings.