

## GREENTEK RESIN TERRAZZO

### PRODUCT DESCRIPTION:

An environmentally friendly material that is easily customizable and can be poured into different patterns and shapes to produce

a smooth, uniformly textured surface for floors, walls, stairs, countertops, and furniture's.

GREENTEK RESIN TERRAZZO is a two-component, solvent-free seamless decorative flooring system consists of a highly durable and pigmented epoxy resin which can be mixed with a wide variety of synthetic or natural aggregates such as silica sand, marble chips, colored and clear glass chips and many others to produce a durable and decorative epoxy terrazzo flooring system.

### RECOMMENDED FOR

Creating seamless, heavy-duty terrazzo floors, countertops, slabs, etc.

### IDENTIFICATION FEATURES:

Solvent Type: Solvent free

Dry Film Thickness (After grinding and Polishing).10 mm/12 mm.

Spreading Rate 25Kg/sqm/12mm, will also depend on type of aggregates used

Pot Life 20 minutes at 25°C

Ready for grinding After 48 hours at 25°C

Full Cure 7 days

Adhesion > 9 N/mm<sup>2</sup> Based on ASTM D4541

Solids 100 %

Thermal resistance Up to 60°C

Fire resistance Bfl-S1 Based on EN 13501-1

Elongation (A+B) 20%

Compressive strength >50 N/mm<sup>2</sup> Based on EN 13892-2

Flexural strength >22 N/mm<sup>2</sup> Based on EN 13892-2

Tensile strength > 11 N/mm<sup>2</sup> Based on BS 6319

VOC < 5 g/L as Per EPA Method 24

### CHEMICAL RESISTANCE / 24 HOUR OPEN SPOT TEST BASED ON ASTM D 1308-2

10% Hydrochloric Acid	Decrease in gloss
10% Sulfuric Acid	Decrease in gloss
10% NaOH	No Effect
Saturated Sugar Solution	No Effect
Saturated Salt Solution	No Effect
Ethanol	Minor spot
Motor Oil	No Effect
Gasoline	No Effect
Xylene	Minor spot
Isobutanol	Minor spot
Clorox	No Effect

**WARNINGS:**

During all stages of preparation of the support, products and applications, we recommend the proper use of equipment and personal protective equipment.

Do not expose the products for long periods in direct sources of heat or at temperatures below + 5 ° C. In the case of storage of the products at a temperature close to +5 ° C it is advisable to take them, before use, in place at the appropriate temperature, so as to be conditioned at a temperature of use not less than + 10 ° C. Do not heat the products using a direct source of heat, flame, hot body or the like.

Low temperatures increase the viscosity in the can making it difficult to use and lengthen or inhibit the process of drying and hardening of the various products.

It is advisable to complete each work with materials from the same production batch.

In the case of use of different batches, it is recommended to mix together the various productions.

**CLEANING EQUIPMENT**

With Tinner.

**COLORS:**

Available in different colors.

**PACKAGING**

Available in two components 14 kg Component A + 5.4 kg Component B mixed with roughly 75 kg aggregate).

**STORAGE CONDITIONS AND SHELF LIFE:**

The packaged products, if stored in its original and sealed package in a covered warehouse, at temperatures between +10 and 30°C, are guaranteed for 24 months.