

ERADUR® TERRAZZO

Decorative and durable floor coating for public environments



Eradur® Terrazzo is a seamless terrazzo-floor made of solvent-free epoxy with marble, granite, flint or stained glass. It is possible to add a variety of other decorative components that allow for a unique design.

Eradur® Terrazzo is abrasion resistant and the content of epoxy gives a high chemical resistance, less risk of cracks and above all the finished coating is only 6-10 mm in layer thickness, depending on execution and design.

The floor surface gets its abrasion resistance from the hard mineral in the surface layer, epoxy protects the floor from penetrating dirt and contaminants.

Eradur® Terrazzo is easy to clean and maintain.

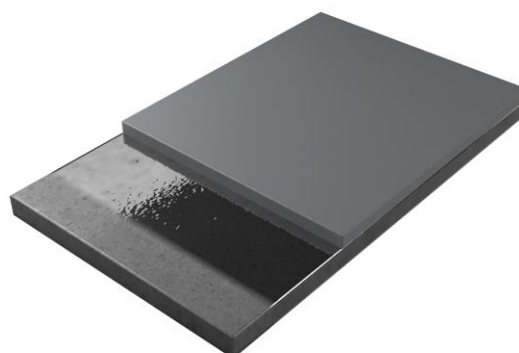
The coating can withstand the most commonly used cleaning agents and cleaning methods, including high-pressure washers.

Eradur® Terrazzo should be laid on hard, solid substrates such as concrete. The coating strengthens the concrete substrate and fills in minor irregularities in the substrate.

Eradur® Terrazzo can be made in most colors and the plethora of filler choice is great.

Eradur® Terrazzo is adapted for use in:

- Airports
- Shops
- Hotels
- Schools
- Railway stations
- Malls
- Restaurants
- Arenas



PROPERTIES TERRAZZO

Adhesion	Very good adhesion to clean concrete as well other substrates.
Compr. Strength	Strengthens the concrete substrate and transfers loads.
Abr. resistance	Very good resistance against intense rolling and abrasive traffic.
Permeability	The seamless coating is free from pores and impervious to liquids.
Chemical resistance	Resistant against common industrial chemicals, alkali, diluted acids and mineral oils. Limited resistance to organic acids and solvents. See separate table of chemical resistance

Substrate and conditions

The concrete must be fully cured, RH max 93% and laitance removed by diamond grinding or blasting. The concrete surface should have a tensile strength exceeding 1.5 MPa and should be dry, dust-free and well cleaned. Asphalt and bitumen should be grinded or milled off. During application the surface temperature of the floor should exceed 12 °C (54 °F) and the relative humidity (RH) of the air 80%.

The Eradur products in the coating system are 2-pack products and must be mixed thoroughly before application. The mixing proportions are important and therefore batch-packed material should not be parted. Pot-life is 30-60 minutes dependent on product and temperature. Base, hardener and filler material should be room temperature before use.

Coating Thickness

The coating is usually performed in 6-10 mm layer thickness.

Slip-resistance

The coating is smooth but not slippery, neither as wet nor dry.

Construction Eradur® Terrazzo SL 6 mm

Primer: Eradur® Primer N, alt. Eradur® Plus Primer: 0,3 kg/m².

Self-leveling mass: Eradur® Terrazzo + ballast material 23 kg / m².

Top seal: Eradur Ultra / PU Top coat Mat: 0.1 kg / m².

Note. The surface is sanded and polished to smooth and gloss

Curing time

The curing time depends on the temperature. Normally, the floor can be loaded 24 hours after the last operation. Full cure is achieved after 5-10 days.

Swedish standard

Eradur® Terrazzo has been tested according to CE EN 13813

System properties

Appearance:	Blank, Smooth surface
Compressive strength:	>80 MPa
Tensile strength:	>24 MPa
Hardness (Shore D)	ca 80 (epoxy matrix)

Color

See color chart on our standard colors. Can also be performed in most RAL and NCS colors.

Environment

A long working-life (10-25 years) and good function with tailor-made properties means that the coating is a long-term good environmental choice, with low costs of maintenance. See environmental declaration.

Seamless floors give dense surfaces and give rise to great hygienic and environmental advantages. The floor surface is easy to clean and the demand for chemicals for daily cleaning and maintenance, is reduced.

Hygiene at worksite

ERADUR epoxy products are 2-pack formulations of thermosetting plastic, which mean that only trained personnel are allowed to handle the products. Areas, where work with isocyanath/epoxy is being performed, must be separated with signs and have a good ventilation. Other activities may not take place within the defined work area. Persons, having isocyanath-asthma or are allergic are not to be within the work-area. The cured coating is of no hazard from a health or environmental point of view. See environmental declaration.

Adherence to local regulations for work with reactive plastics is necessary, see www.av.se (AFS 2015:43).

Maintenance

The coating is resistant to common used industrial cleaners and cleaning methods, including high-pressure cleaning. See separate cleaning instructions.

After years of wear, reconditioning is possible with new surface top.

Eventually damaged or worn coatings are best repaired by authorized Eradur entrepreneurs.

Guidance for projecting

Difficult environments often demand special pre-treatment or preparation. Eradur AB offers guidance and technical service for the right choice of coating in order to fulfil demands in different environments.

Experience and knowledge are needed for an adequate result and we work together with authorized Eradur entrepreneurs.

General information

Contact Eradur AB for questions about the area of use, chemical resistance and application conditions.

Description text, example

MHG Eradur® Terrazzo, Color: NCS8000, thickness 6 mm. Gray marble or according to customer's wishes. Sveff's quality documentation must be followed. Supplier Eradur AB. Execution according to the supplier's instructions mass as the floor coating.