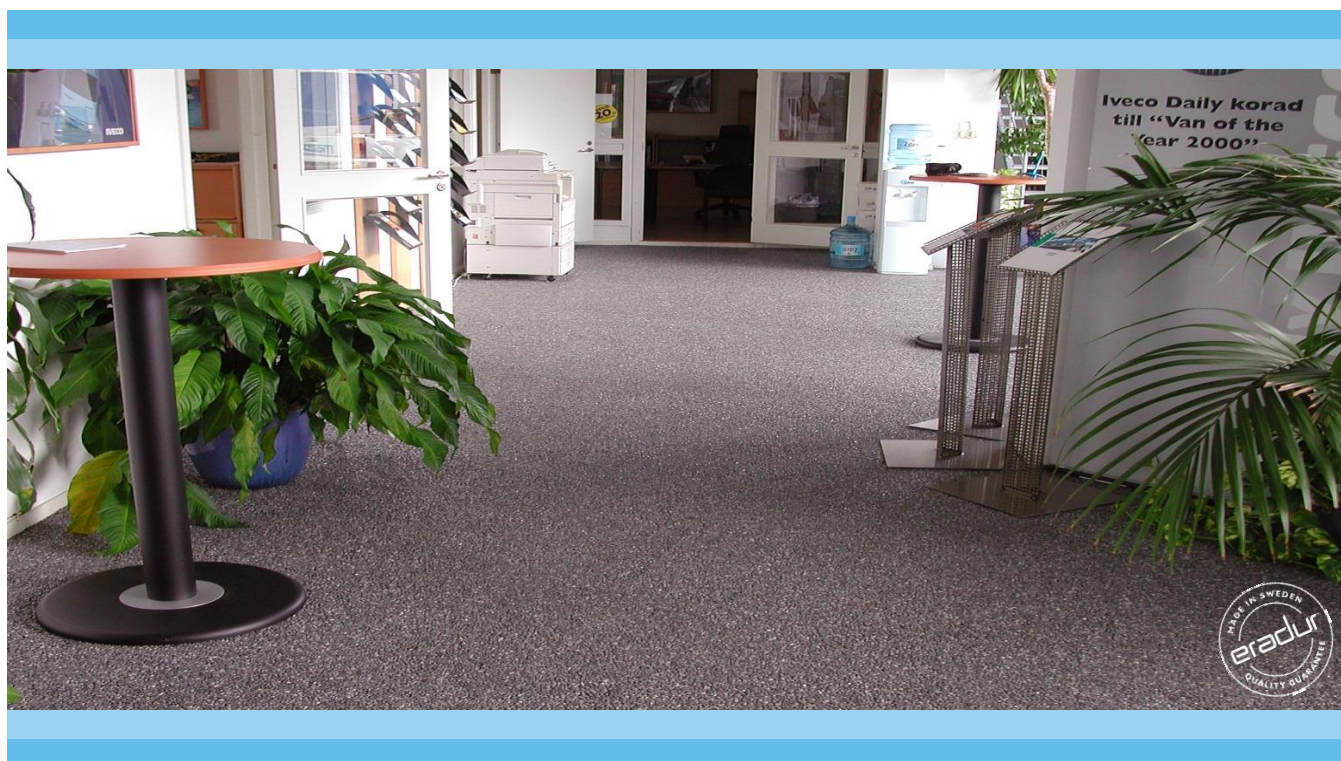


ERADUR® DEKOR EF

Decorative coating for shops and showrooms



Eradur® Dekor EF can be likened to a stone mat, where a natural stone or polished marble-gravel in size 3-4 mm or 4-8 mm are glued together to an open coating. The natural stone gives the floor a very attractive appearance, with a great variety of possibilities regarding color and pattern. The binder is a solvent-free, clear epoxy.

Eradur® Dekor EF is suitable for dry floor surfaces with a moderate mechanical load. The coating provides low maintenance costs and facilitates daily maintenance. The coating can be made as diffusion-open and is suitable on most substrates after adapted pretreatment

Eradur® Dekor EF does not contain plasticizers etc. and is close to emission-free (FLEC <math>< 10 \mu\text{g} / \text{m}^2\text{h}</math>, which is the detection limit for the test method).

Eradur® Dekor EF is adapted for use in:

- Showrooms
- Retail premises
- Public venues
- Car showrooms
- Basements



PROPERTIES DEKOR EF

| | |
|---------------------|---|
| Adhesion | Very good adhesion to clean concrete as well other substrates. |
| 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. |
| Other | The coating is easy to keep clean in dry environments. In damp environments with inadequate cleaning, the coating is not recommended; it can hide large amounts of dirt without being visible on the surface. |

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%.

Small cavities and cracks in the substrate must be repaired with epoxy products, cement mortars are not used in thin layers.

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.

High relative humidity, or if the temperature drops below the dew-point during the first 24 hours after application, may rise to surface disturbances like a matt haze. This is only a surface effect and will not affect durability or chemical resistance.

Coating Thickness

The coating is usually performed 10–12 mm layer thickness.

Construction Eradur® Dekor EF 12 mm

Primer: Eradur® Dekor EF 0.3 kg / m².

The coating can also be made without a primer and becomes diffusion open.

Coating: 14 kg natural stone gravel and 1 kg Eradur® Dekor EF per square meter, compacted manually or with a smoothing machine.

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.

| | 12 °C | 20 °C | 30 °C |
|--------------------------|---------|--------|--------|
| Normal loads | 72 h | 36 h | 24 h |
| Full chemical resistance | 10 days | 7 days | 4 days |

Swedish standard

Eradur® Dekor EF has been tested according to CE EN 13813

System properties

| | |
|-----------------------|---|
| Appearance: | Blank surface consisting of bonded gravel |
| Compressive strength: | Not applicable, open structure. |
| Tensile strength: | Not applicable, open structure. |
| Flexural strength: | Not applicable, open structure. |
| Hardness (Shore D) | Not applicable, open structure. |

These instructions and recommendations are given from our own experiences with the products. As the performance of the work is our control, our responsibilities are limited to the quality of the products. Our experience and knowledge on the products are naturally broader than could be described in this text. Please contact us for further information.

Color

See color chart, Scanmineral.

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® Dekor EF, Color: Carrara-white, thickness 12 mm.
Sveff's quality documentation must be followed. Supplier Eradur AB. Execution according to the supplier's instructions mass as the floor coating.