

# ERADUR® WB

Blank, hard and durable epoxy paint for floor and wall



Eradur® WB is a blank, hard, and durable waterborne epoxy paint performed with ca 150 µm layer thickness, (0.15 mm) suitable for both floor and wall.

Eradur® WB is diffusion-open (at two strokes), abrasion-resistant, and easily cleaned surfaces.

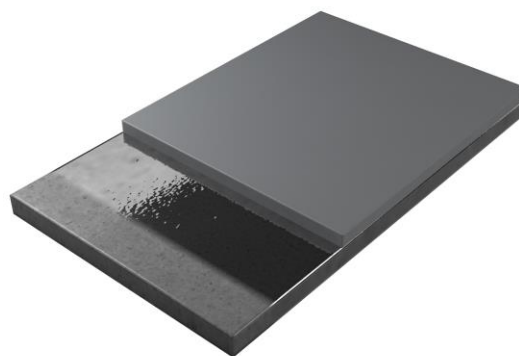
Eradur® WB has a short drying and curing time which allows treated surfaces to be quickly put to use. The finished floor has good chemical resistance, is easy to clean and withstand the most common cleaning agents.

For surfaces with heavy abrasive traffic see Eradur® Massiv SL.

Eradur® WB is intended for the treatment of new and old floors and walls in industrial environments.

Eradur® WB is adapted for use in:

- Industrial premises
- Staff spaces
- Exhibition rooms
- Workshops
- Ice halls
- Animal stalls
- Garage
- Warehouses
- Basement
- Hockey rinks



## PROPERTIES WB

Adhesion	Very good adhesion to clean concrete as well other substrates.
Abr. resistance	Very good resistance against pedestrian traffic and light abrasive traffic.
Permeability	The surface becomes liquid-tight but is diffusion-open in thinlayers.
Chemical resistance	Resistant against common industrial chemicals, alkali, diluted acids and mineral oils. 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%.

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 carried out in 150 µm layer thickness. Does not give any additional assistance to point loads

### Construction Eradur® WB 150 µm

Application is normally done in 2-3 strokes with a roller.

Primer: Eradur® WB Primer 0.15 L/m<sup>2</sup>. Cover layer: Eradur® WB Primer 0.15 L/m<sup>2</sup>.

Base layers are performed with Eradur® WB diluted with about 10-15% water, the degree of dilution is adjusted according to the substrate and current conditions.

The cover layer is made with Eradur® WB unthinned.

Note. On coarse concrete surfaces, after milling for example, leveling with so-called scraping can be done

with epoxy + fine filler be suitable before painting

### 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
Light loads	36 h	24 h	12 h
Heavy loads	72 h	36 h	24 h
Full chemical resistance	10 days	7 days	5 days

### Swedish standard

Eradur® WB has been tested according to CE EN 13813

### System properties

Appearance: Blank, smooth surface

### Color

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

### Environmentm

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](http://www.av.se) (AFS 2011:19).

### 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® WB, Color: RAL 7035, thickness 150 µm. Coved skirting 100 mm, radius 50 mm  
Sveff's quality documentation must be followed. Supplier Eradur AB. Execution according to the supplier's instructions mass as the floor coating.