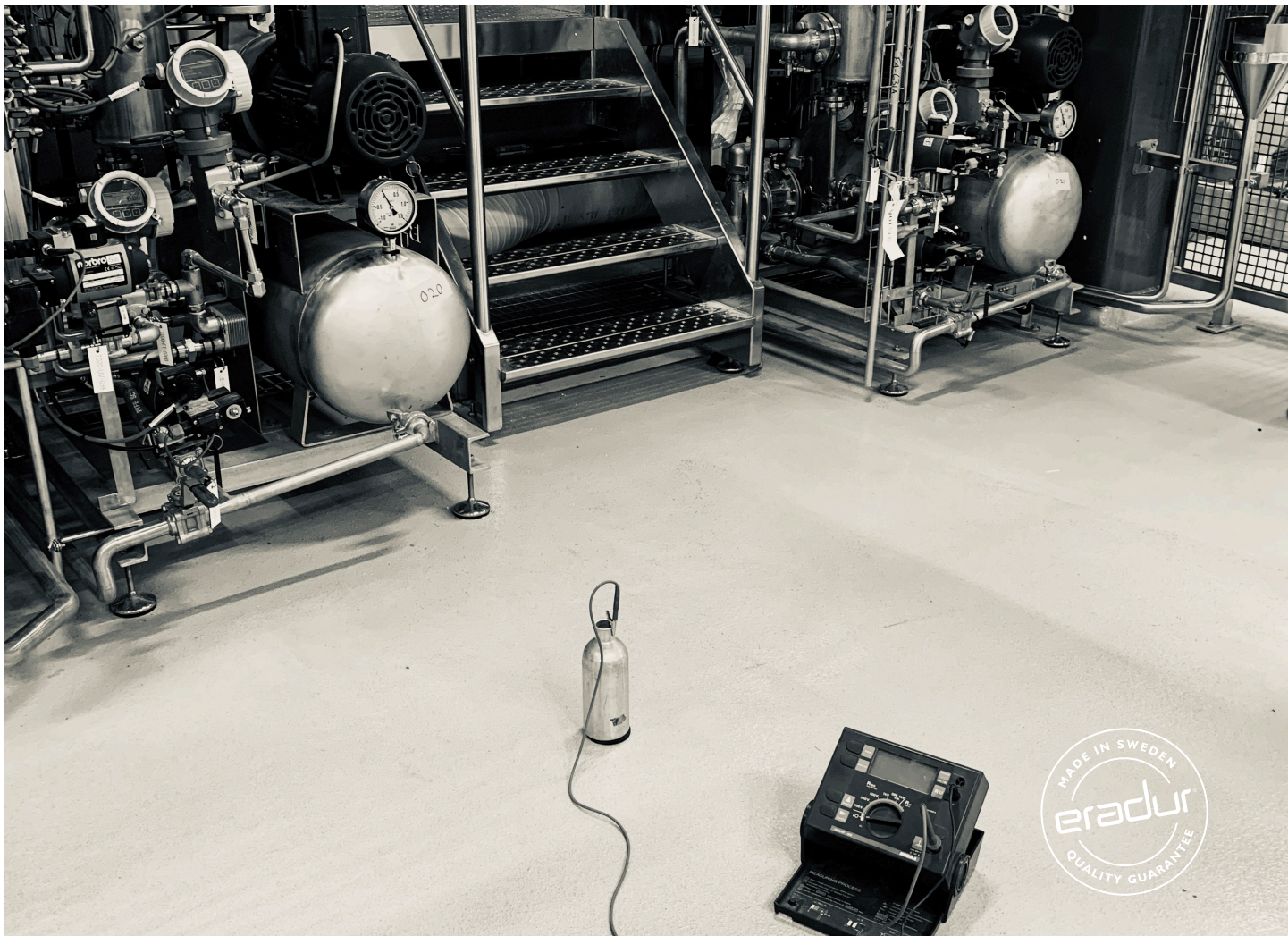


ESD-Coatings

Electrically conductive coatings against electrostatic charging.
Protects electronic equipment and protects life.



We have delivered millions of m² of flooring



On time and within budget



Durability for several years

eradur[®]
FOGFRIA GOLV



eradur®
FOGFRIA GOLV

Eradur® ESD Massiv - ESD approved according to IEC61340

Suitable for the chemical, electronics and explosives industry

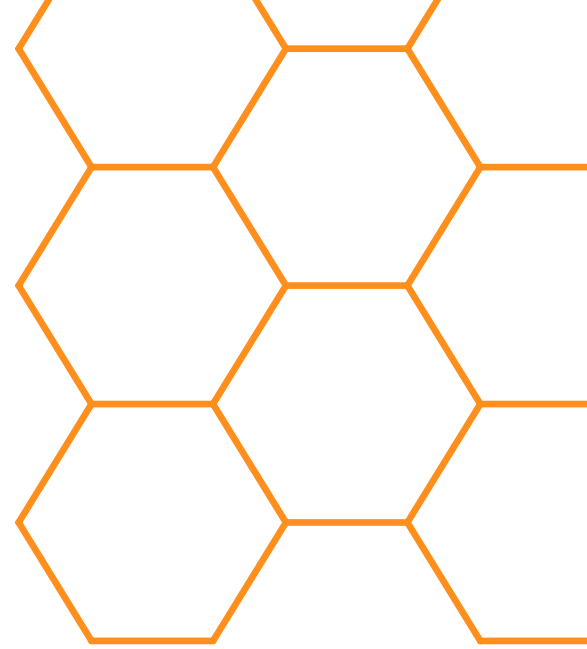
Prevents electrostatic discharge.



Introduction

Eradur's business concept is to offer proven solutions for surface protection in environments where specific requirements are set for function, performance, and safety.

Our organization has extensive experience in product development and problem-solving. Through active cooperation with our suppliers, we can offer high quality and safe solutions.



ESD-protection and why it is needed

Electrostatic charges gives rise to electrostatic discharges (ESD: Electrostatic Discharge.)

Electrostatic discharges can destroy electronic components, computers and can cause explosions of combustible gases, dust, and of course explosives. Electrostatic charging is usually caused by friction, e.g. charging in garments, shoes against floor, moving goods, and also during certain separation processes.

Wherever there are prerequisites for electrostatic charging and thus electrostatic discharge, there is a risk of damage to electronic components as well as disruptions in production equipment caused by ESD. This risk factor is always present when a sensitive product or unit is manufactured, handled, transported, or stored. The danger of static electricity and its fields is also found in operations where sensitive measuring

or control equipment is used, e.g. in health care. ESD also poses a great risk of ignition in an explosive environment where the handling of gases, solvents, and explosives, as well as spaces with a risk of dust explosions.

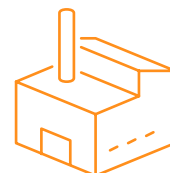
In many environments, it is therefore extremely important that electrostatic charging is avoided. Electrostatic charging depends strongly on the nature of the material. It is therefore vital to look after the entire environment, from humidity to choice of work clothes, shoes, protective equipment, and handling routines. All floors are conceivable risk areas.



INDUSTRY



TECHNICAL FACILITIES



FACTORY

ESD assortment

Our ESD coatings do not require any special maintenance to maintain their ESD properties.



Eradur ESD Massiv SL

A smooth monochrome self-leveling epoxy coating. The product is versatile and extremely strong, suitable for all areas with heavy traffic. It provides mechanical reinforcement of the existing substrate. Available in most colours. Good chemical resistance. Also offered with slip-resistance. See Massive SL for more information.



Eradur ESD Resistent SB/LM

A smooth monochrome epoxy coating that has a particularly high resistance to chemicals. The resistant series offers specialized products that provide additional resistance to, e.g. Solvents (LM) or Acid and bases (SB).



Eradur ESD Kompakt

A smooth color sand coating suitable for dry surfaces and hard wear. A coating with a wide area of use. Offered in a limited number of colors. See Kompakt for more information.



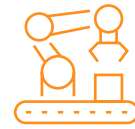
Eradur ESD Struktur

A color sand coating suitable for wet surfaces and hard wear. Fits well in most industrial environments. Slip-resistant. Offered in a limited number of colors. See Struktur for more information.



ESD for extra demanding environments

ERADUR® ESD Resistent LM is a coating intended for surfaces subjected to intense chemical wear, especially solvents. The coating is formulated for continuous chemical pressure of several aggressive chemicals. The coating tends to yellow/darken slightly more than conventional epoxy coatings. Available in several colors. Slip-resistance is available.

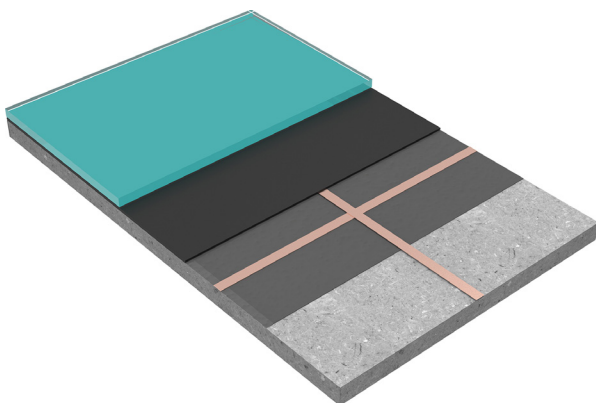


ERADUR® ESD Resistent SB is a coating intended for surfaces subjected to intense chemical wear, especially strong acids and bases. The coating is formulated for continuous chemical pressure of several aggressive chemicals, especially acid-base, which gives industrial flooring strong protection against chemical attacks. The coating tends to yellow/darken slightly more than conventional epoxy coatings. Available in several colors. Slip-resistance is available.



Our ESD systems meet the requirements for:

- DIN 51 953, explosive
- Fire rating G, NT FIRE 007
- EN 100015-1
- Ericsson SP Method 2472
- IEC 16134051



Eradur ESD epoxy coatings include:

- ESD approved coating systems that are available in electrical safety rating designs.
- Four different coating systems: Massiv, Kompakt, Struktur, and Resistent.
- The surface of the coating can be varied from completely smooth to the textured slip-resistant surface for eg. wet spaces
- Monochrome coatings in several colors.
- The work is documented with Eradur quality documentation.
- Our ESD coatings are also available in special designs in our systems: Flexibel, Maximal, Resistent SB/LM.

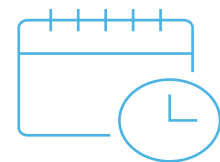
Construction and time spent at installation of ESD Massiv SL



Image of a primed substrate before coating with ESD primer.

The picture also shows copper tape.

Time required for ESD Massiv SL



Pretreatment - Grinding, blasting and repair.

ERADUR® Primer N - A transparent layer that is laid on the concrete, which penetrates and creates adhesion to the concrete and the interlayer. **ERADUR Primer N** reinforces the concrete surface.

First day

Copper tape - Diverting to ground. Connected to local ground terminals.

ERADUR® ESD Primer - A specially developed primer designed for ESD coatings. The primer has excellent and safe conductivity.

Second day

Coved skirting & skirtings - Coved skirtings are the rounded transition from floor to wall. In addition to being decorative, coved skirtings and skirtings also facilitate cleaning, which is a requirement in many hygiene environments.

ERADUR® Massiv SL or ESD Resistent - A self-leveling mass where you can build up the thickness further, which strengthens the coating. It is this layer that gives increased abrasion resistance and higher point load.

Third day

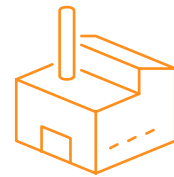
The coating needs to be cured an extra day before being put into service. The time required depends on the conditions of the chosen system. It takes about four working days for areas <500 m² before the surface can be used.

Fourth day

Explosive environment (ATEX)

For electronic equipment in a potentially explosive environment, where dust, explosives, and solvents are present, it is especially important to have good protection to reduce the risks of fire, electric shock, and explosion. Therein fits **Eradur® Resident LM**.

Eradur® Resident LM protects the area by ensuring a safe environment for both people and equipment by reducing the imminent risk of an accident occurring.



ERADUR AB

We are a Swedish manufacturer that has been in the flooring industry for over 25 years and we only deal with seamless resin floors. We have a wide assortment to handle all kinds of businesses and are known for being fast, flexible, and solution-oriented. We are located in the most diverse environments - from trendy exhibition rooms and museums to the most demanding industrial premises.

We are with you from the first touch to the last inspection. If something goes wrong, you meet us on the floor.

Eradur takes environmental responsibility and is a member of SVEFF (Sweden's paint manufacturers' association), and is affiliated with the REPA register.



Unique products developed by Eradur's development department.



Highest quality and long service life.

Eradur AB develops and manufactures thermosetting plastic-based products for seamless floor coatings and surface protection. The product range is broad and covers most environments with requirements for advanced surface protection for industry and public environments.



Eradur AB has its headquarter and production in Helsingborg. Eradur is also available in Denmark and Poland.

The right plastic on the right place

Our products are adapted to the requirements of different environments and we work with all useful types of thermosetting resins and plastics such as epoxy, acrylic, and polyurethane. We also work with cement hybrid systems to provide functioning long-term and safe surface protection solutions.

Advice and help

We inspect the floors and submit proposals for measures to remedy existing problems. We also help you with the specification process to ensure that you get the most suitable floor for your business.



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