

# Kitchen environments

## Durability and hygiene



We have delivered millions of m<sup>2</sup> of flooring



On time and within budget



Durability for many years

**eradur**<sup>®</sup>  
FOGFRIA GOLV





**eradur**<sup>®</sup>  
FOGFRIA GOLV

Meets all hygiene requirements in a kitchen environment

Slip-resistant coating for a safe working environment

Easy to clean and durable floors for heavy loads

The slip-resistance is customized to your business



# Kitchen environments - an exposed environment

## Durable & seamless floor coatings for the food industry and kitchen environments

Kitchen environments are a collective name for several different operations within the food processing industry, where the conditions differ between different operations. Thus, it is not just about kitchens, but also about other businesses with high environmental requirements and burdens.

Kitchen environment operations are subjected to great stress. It is an environment that, among other things, is exposed to mechanical stress, chemicals, high temperatures, hot water, and other liquids. In heavier large-scale kitchen operations, it is also important that the coating can withstand heavy loads and movements so that no micropores are formed for water or dirt to penetrate and damage the concrete.

In summary, it is extremely important that the environment can withstand these stresses, that the floor maintains good hygiene and is at the same time functional.

## Eradur has a solution

During our 25 years in the industry, we have extensive experience from many types of businesses including catering kitchens, breweries, dairies, and slaughterhouses.

Our seamless flooring system prevents water, dirt, and bacteria from accumulating along edges, which significantly increases cleanability. Our flooring systems are also completely pore-free and impervious. We also have systems for counteracting strong movements in concrete, thus preventing cracking.

Our floors can withstand thermal shock, high abrasion, high point load and are chemically resistant while maintaining high hygiene and cleanliness. In addition to our standard assortment, we have also developed products for particularly strong chemical resistance to aggressive chemicals. All our large kitchen coatings provide slip-resistance.



**Mechanical tensions**



**Impervious**



**Slip-resistant**



**Hygiene**



**Chemical and heat resistant**



## Our popular products in Kitchen environments

### **Eradur® Struktur**

Our most popular coating in Kitchen environments and our most customizable product.

It has a nice appearance with optional decorative color sand and can withstand most detergents. Epoxy systems have high chemical resistance, especially against alkaline agents. The product has high adaptability and can be offered with additional thermal and chemical resistance. Has slip-resistance for every need and surface. Retains its appearance and function over time.

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### **Eradur® PU 750**

Our polyurethane-based product is excellent against mechanical stress and is exceptionally durable. The product has a high chemical resistance, withstands organic acids, and is ideal in kitchen environments operations that clean with steam and hot water. This product performs well in warm, wet environments and withstands, at adapted layer-thickness shifting temperatures and thermal shocks. Available as a monochrome coating in most RAL and NCS colors.

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### **Pumadur® RT**

Is suitable for those who have a business that places extra high demands on thermal resistance. The product is a polyurethane cement with a special ballast, which gives the material very strong properties. It has properties that provide exceptional resistance to all forms of physical stress and also have an exceptionally high chemical resistance. Withstands both low temperatures such as -40 °C and high temperatures up to 120°C depending on the layer-thickness. Monochrome coating.





## **Degadur® Struktur**

An acrylic system that is most often used in cases where minimal downtime and rapid installation are required. The product has good resistance, especially to organic acids.

It has good resistance to mechanical tensions. The product can withstand dry heat, wet environments, and can also be installed below freezing point. There is an intense odor during installation which decreases after the material cures, which takes about 45 minutes. The product can be placed and put into service the same day, provided the surface is well prepared.

**All products have slip-resistance.**



**Monochrome coatings are available in most colors depending on the system.**



**The color sand coatings are available in all types of decorative color sand.**

## Slope construction against well

In kitchens, water and other liquids must run off toward drains or wells, so that bacteria do not accumulate. The coating follows the substrate- it is, therefore, important that you have a plan for slopes toward drains and wells before the actual laying of the floor takes place. Conveniently, test with water before starting the coating work. Our material can form connections for these purposes.

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### Eradur® Plus Primer

**Eradur AB** has developed a unique primer with special properties. This product is completely moisture resistant and can be applied in humid environments. A safe choice when installing in a kitchen environments. Plus Primer is also suitable for adjusting floor drains and wells.

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### Coved skirtings & skirtings

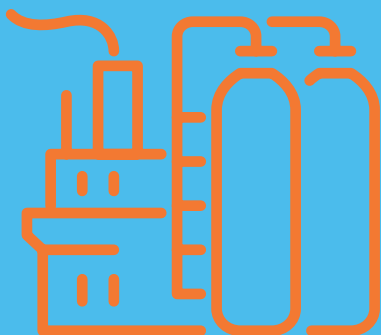
Coved skirtings are the rounded transition from floor to wall. In addition to being decorative, coved skirtings and skirtings also facilitate cleaning, which is a requirement in many hygiene environments. Coved skirtings are situated as a connection to the wall to prevent dirt and bacteria from accumulating along edges. Coved skirtings or skirtings are usually installed before the interlayer which gives a nice and smooth transition.

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### Food - kitchen

In kitchens, water in combination with moving substrates is often a major problem - which very often requires adapted solutions. The substrate can further be e.g. board material, wood, etc, which often causes problems with fixing drains and wells. We have products, such as **Eradur® Flexibel primer**, which facilitates the installation of well-functioning kitchens.

## Our factory



Eradur AB was founded in 1995 by the brothers Tomas and Per-Åke Bergström. Since 2001 we have been housed in our modern tailor-made factory at Våla Industrial park in Helsingborg, where we develop and manufacture all of our products.

Eradur AB is a privately owned company with short decision paths. After more than 25 years in the industry, we have a wide assortment and a leading expertise. We help you design the right flooring solution and can also offer customized products with short lead times if needed.



# Eradur & the Environment

Eradur works systematically to improve the environmental performance of our products and even though our plant has as low emissions as under 100 kg per fiscal year, we continue to work on process improvements to ensure that all raw material becomes a finished product.

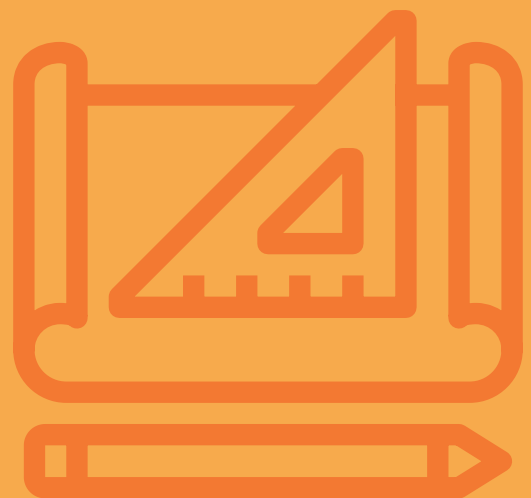
We do not use any raw materials that are included in the chemical inspection list, and raw materials on the watch list are substituted as soon as we find a technical solution. We are also working to reduce our need for fossil raw materials. Our PU range is largely based on castor oil from the plant kingdom.

A seamless flooring from Eradur is a sustainable investment, mainly due to its long service life, but also for its ease of cleaning, and the need for environmentally harmful cleaning chemicals is significantly reduced.



## Technical support

We at Eradur AB assist you in the best possible way when you want a solution that is designed for you and your floor. We have a solid experience in the flooring industry and possess great knowledge for all types of seamless floors and substrates. Let one of our experts help you find the right one.



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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