

Environmental assessment

Overview for Eradur products



Eradur's products are based on well-known and proven chemistry, known as epoxy, polyurethane or acrylic thermoplastics. Seamless floors made of thermosetting resin are very durable and contribute to a better environment by extending the life of the floor, reducing the need for maintenance and use of aggressive cleaning chemicals. Since thermosetting resins by nature are chemically reactive, it is important to handle them in a way that minimizes occupational hazards. Therefore, our floors are installed by trained and certified contractors.

The construction market is constantly evolving with new products and methods. The market players must work together to ensure that the materials and methods used lead to sustainable construction. It is about everything from thinking resource-efficiently at every stage, to not incorporating substances that can endanger health or nature in the long term.

This leaflet contains an overview of the environmental assessment systems that are applied to the Swedish market. We briefly summarize the purpose and assessment criteria, as well as how our products are evaluated in each system. We also comment on the assessment, and what is important to consider in connection with this.

Please contact us if you have questions about our products and their environmental impact.

Evaluation System

Background and purpose

Basta och Beta

The purpose of BASTA is to contribute to the phasing out of hazardous chemicals from the construction sector. The BASTA system is supported by Sweden's largest players in the construction and civil engineering industry.

BETA has been created as a simpler form of BASTA with lower accounting requirements. But builders are advised to choose from the BASTA register first and from BETA in second hand.

BREEAM SE

BRE Environmental Assessment Method (BREEAM) is an environmental certification system from the UK, developed and administered by BRE. BREEAM is one of the oldest environmental certification systems and has been used to certify over 115,000 buildings. The system has been in revised versions since 1990 and is the most widely used international system in Europe. Sweden Green Building Council has adapted BREEAM to Swedish conditions and the Swedish version, BREEAM-SE has been the version of BREEAM used in the Swedish market since 2013.

Byggvarubedömningen

The Building Goods Assessment is a non-profit association. Sweden's largest and most important property owners and builders have come together to develop a standard for environmental assessment of goods with the ambition that tomorrow's house should be built and managed with only environmentally assessed products ..

Sunda Hus

Sunda Hus Miljödata is a tool for property owners to ensure conscious material choices. With a web-based system and qualified advice, SundaHus is a comprehensive solution for systematizing the work of phasing out dangerous substances in a building's entire life cycle.

Sweden Green

Building Council miljöbyggnad.

Sweden Green Building Council is a non-profit association owned by the members, open to all companies and organizations in the Swedish construction and real estate sector. The association works for green building and to develop and influence the environmental and sustainability work in the industry.

Svanen nordic eco-labelling

The Nordic Ecolabel has been in existence since 1989 and is the Nordic region's official eco-label, which in Sweden is managed by Ecolabelling Sverige AB on behalf of the government. They review the environmental impact of goods and services throughout the entire life cycle from raw material to waste and place demands on function and quality. Today, 63 different groups of goods and services can be Nordic Ecolabelled.

What is assessed and how? Status on Eradur products

Established level limits for constituent substances, according to REACH and KEMI's PRIO list. Suppliers report what their products contain. The supplier's competence is evaluated and verified through a system audit.

BASTA demands that allergenic substances must not exceed 1%, which Eradur's products comply to.

All Eradur products are registered in the Basta or BETA register.

BREEAM-SE's assessment tool is based on a so-called "Credit List". SGBC has developed one similar to the one in BREEAM Europe Commercial 2009. The list is based on Swedish government rules, standards, and practices. The number of points that can be obtained varies by building category (trade, office, and industry). The BREEAM user must determine the correct project type and category for all parts of the building.

Material selection from a life cycle perspective. Eradur has not done any LCA and therefore it is uncertain what points the products will receive.

The assessment criteria are mainly based on classification limits for substances per the chemicals legislation REACH and the CLP regulation with any additions that are specified more precisely under the respective criteria. The content declaration, constituent materials, and raw materials, manufacture of the goods, transport and packaging, use stage, energy use, waste and demolition.

Eradur products contain thermosetting plastic components. The majority of Eradur products receive the assessment "avoided" by the Building Products Assessment.

The assessment of a product is based on the supplier's documentation of the product and on Sunda Hus's assessment criteria, which are based on the rules of the Swedish Chemicals Agency's KIFS 2005: 7 on classification and labeling, Regulation (EC) No 1272/2008 of the European Parliament and of the Council, and the Swedish Chemicals Agency's priority guide PRIO.

Eradur products contain thermosetting plastic components. The absolute majority of Eradur products are rated "C-" by Sunda Hus.

The phasing-out names according to KEMI's criteria do not appear in the documented building products in the logbook.

Eradur products contain no substances from the Swedish Chemicals Agency's phase-out list. All Eradur products, therefore, receive gold.

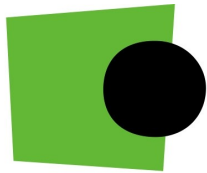
Criteria for swan labeling a product or service are developed in consultation with experts, environmental organizations and the authorities. Requirements are set for energy consumption in manufacturing, the use of chemicals, emissions and waste management. Functionality and quality are also checked. The criteria are tightened every four years when products that have passed the old requirements have to retest to keep their license.

Eradur Ecryl and Degadur products are listed in the Swan building products database and are accepted for use in large kitchens

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BYGGVARUBEDÖMNINGEN



BASTA



SWEDEN
GREEN BUILDING
COUNCIL



BREEAM® SE



SundaHus

More information can be found on the below websites:

Basta

www.bastaonline.se

Breeam SE

www.sgbc.se/om-breeam-se-meny

Byggvarubedömningen

www.byggvarubedomningen.se

Sunda Hus

www.sundahus.se

Sweden Green Building Council

www.sgbc.se

Svanen

www.svanen.se/

You can also find useful information on the below sites:

Sveriges Färgfabrikanterers Förening

sveff.se/files/2012/10/Fogfria_golv.pdf

Auktorisation för fogfritt golv

www.fogfrittgolv.se