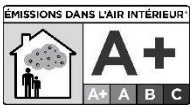
eco

NACHHALTIGKEITSDEKLARATION

ECO - PRODUCT DECLARATION

678 Eurostar Project

Product Group	**Adhesive for installation of floor covering**	
GISBAU (TRGS 610)	**solvent-free** **GISCODE D1, solvent-free dispersion containing material**	
Product efficency	• **Consumption-optimised, significantly lower consumption per m^2 of laid surface.** • **Multifunctional use.** • **Frost-resistant during transport, saves transport costs.** • **Full-surface bonding extends the life cycle of floor coverings.**	
Certification of factory	**DIN EN ISO 9001:2015**	TÜV PROFI CERT ISO 9001 73 100 625
Emissions according to Community Emission Controlled Flooring Materials (GEV)	**EMICODE EC1 Plus** Very low emission	GEV-EMICODE EC 1 PLUS sehr emissionsarm
Emissions according to DIBt General building inspection approval	**Registration number:** **Z-155.20-239**	Ü

Emissions according to French VOC classification	**A +**	
DGNB	**fulfills QS 4:** Relevant criterion: ENV 1.2 Risks to the local environment. Relevant component: Primers, undercoats, levelling compounds, adhesives under floor coverings. Requirement: GISCODE D1 and EMICODE EC1 Plus The VOC content is 0 %. Version 2018	
LEED	**meets the requirements of IEQ Credit 4.1:** Low Emitting Materials: Adhesives and Sealants. The allowable limit in the category 'Adhesives' according to AQMD Rule 1168 for adhesive for indoor use is 50 g/l. The VOC content is 0 g/l. Version 2017	

GLOSSAR

GISCODE

The term GISCODE stands for Hazardous Substance Information System Code and was developed by the German Employer's Liability Insurance Association for the Construction Industry (BG Bau). It is a labelling system in which products with comparable health hazards are grouped into product groups. The coding consists of a combination of letters and numbers that clearly assigns the product to a product group

EMICODE

In order to be awarded the EMICODE® seal, manufacturers must subject their products to extensive tests at recognised institutes. Based on the scientifically determined measurement data, the products are classified into different emission categories.
Only products that meet the strict emission requirements may be labelled with the EMICODE® seal. The manufacturers undertake to produce these products in a quality-assured and controlled manner in order to comply with the EMICODE® specifications at all times. In order to be able to guarantee the highest possible level of certainty with regard to the emission claims of the products, the products are regularly inspected on a random basis by independent, internationally recognised testing institutes.

VOC

Volatile organic compounds (VOC) are substances that change from a liquid to a gaseous state at room temperature and normal pressure. These include, above all, organic solvents. According to European Directive 2010/75/EU ("IED Directive"), VOCs are organic substances whose vapour pressure is 0.01 kPa or more (at room temperature T = 20 °C = 293.15 K).

DECOPAINT DIRECTIVE

The "Decopaint Directive" 2004/42/EC is a directive issued by the EU to limit volatile organic compounds (VOCs) in certain paints and varnishes.

DIBT - GENERAL BUILDING APPROVAL

For reasons of health protection, the German Institute for Building Technology (DIBt) requires a general building approval for all building products used for surface treatment and bonding of floor coverings or parquet on site. Certified building materials are marked with the Ü mark. This approval requirement has applied in Germany since 1 January 2011.

BLAUER ENGEL / BLUE ANGEL

The Blue Angel is awarded by the German Institute for Quality Assurance and Labelling (RAL) for low-emission flooring adhesives and other installation materials according to RAL-DE-UZ 113, whose emission behaviour is tested externally. To obtain approval, compliance with emission limits must be demonstrated and the formulations disclosed to RAL.

FRENCH VOC CLASSIFICATION

The French VOC classification classifies building products that are permanently processed indoors into emission classes A+, A, B or C according to their emissions, whereby A+ stands for the best and C for the worst emission class.

SUSTAINABLE BUILDING - BUILDING CERTIFICATION SYSTEMS - DGNB, LEED

Sustainability is becoming increasingly important in the construction industry. To promote sustainable construction in Germany and worldwide, different, country-specific certification systems have been developed that assess the ecological, social and economic quality of buildings (e.g. life cycle costs, space utilisation, accessibility, sound insulation, resource consumption). The more criteria are met, the higher and thus better the building's rating score. A building material is one aspect of the certification. The emission of

VOCs into the indoor air is assessed. The certification systems publish guideline values for indoor air quality or refer to test seals such as EMICODE or Blue Angel.

BAUBOOK

The baubook is a database for building products that simplifies ecological and healthy building. It facilitates verification in the context of ecological tenders, building certifications and subsidy systems and provides validated and structured building material data for the calculation of energy and ecological indicators. The certification of building products requires a comprehensive product declaration on a large number of ecological and material-specific criteria with subsequent testing.

CE CLASSIFICATION

A CE marking confirms that the construction product complies with a harmonized European standard. The manufacturer provides evidence of quality assurance measures. The CE marking on the product packaging indicates the essential technical performance characteristics of a product. Installation materials with CE marking are screed mortars/filling compounds that are marked according to DIN EN 13813. Performance characteristics are, for example, the compressive strength and the flexural strength of the screed. A declaration of performance (DoP) is provided for the product.

PRODUCT EFFICIENCY

The efficiency of installation materials is characterized by various factors. Consumption and speed are the most important aspects. Hereby, cost reductions are possible with regard to the use of materials and to save waiting times. Lower material consumption reduces the transport effort to the construction site and the resulting packaging waste. Bonding of floor coverings/parquet extends their life cycle.

PACKAGING CONCEPT

In the packaging concept, which complies with the Packaging Act (VerpackG), emphasis is placed on "single-materiality". Buckets/canisters, carrying handles, lids/caps are made of the same material and can be recycled together. In order to protect the environment and resources, recyclable packaging materials are used, which are already manufactured on the basis of at least 75 % PCR (post consumer recycled) plastics, i.e. from collected and recycled waste, and thus represent the starting material for new packaging.

CERTIFICATION OF FACTORY

DIN EN ISO 9001:2015 is an international certification standard. It serves as a globally recognized standard that defines the requirements for effective and successful quality management in a company.

NOTE

This product declaration (sustainability data sheet) is based on the current state of the art on the date of issue and was prepared on the basis of our knowledge and experience. Despite conscientious processing of the available information, no liability can be assumed for the topicality and correctness of the information. The content does not express any legal relationship. The information in the technical and safety data sheets must always be primarily observed.

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