

FIRST EPDS FOR SEALING TAPES MADE OF PU & PE FOAM

Sustainable construction starts with the construction products. We are the first producer to have its range of sealing tapes tested and certified in accordance with the European standard ISO 14025 and EN 15804.

1. WHAT ARE EPDS?

- Environmental Product Declarations (EPD) provide information about the impact construction products have on the environment
- The data is determined according to scientific methods and tested by an independent body
- EPDs provide important information for building evaluations by planners, architects, construction companies, property companies and facility managers.
- The EPDs are based on ISO standards and are recognised and synchronised internationally, making them relevant even beyond national boundaries

2. WHAT ARE EPDS REQUIRED FOR?

- They form the data basis used for calculating the environmental balance and energy consumption of a building and are required for sustainability certification.
- Different versions of the same building can be compared in terms of ecological quality at the planning stages
- In public housing projects EPDs are used as proof for environmental requirements

3. WHAT DO OUR EPDS CONTAIN?

- All environment-related information from the sealing tapes' life cycle (cradle to grave)
- Statements about the use of energy and resources during production, use and disposal or recycling
- Details of the technical properties needed to assess the performance of the sealing tapes in buildings, such as service life, thermal and noise insulation or the effect on the quality of the internal ambient air
- A comprehensive balance of all the environmental effects of our sealing tapes which are connected in any way to production of the products. The influence on the greenhouse effect, acid rain, overfertilisation, destruction of the ozone layer and smog creation are investigated in particular

4. WHAT KNOWLEDGE DOES OUR EPD FOR SEALING TAPES PROVIDE?

- ✓ With respect to their overall benefits, our sealing tapes are already extremely energy-efficient
- ✓ Their use has a sustainably positive effect on energy consumption and thus the environmental balance of buildings
- ✓ We will rely on environmentally-friendly production methods which use resources sparingly in the future, as well as on the use of healthy, recyclable materials, thus continually improving the sustainability of our sealing tapes






Environmental Product Declaration (EPD)

Short version



Declaration code: EPD-BÄ-3.2

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LCA practitioner	ift Rosenheim GmbH Theodor-Gietl-Straße 7-9 D-83026 Rosenheim		
Deklaration holder	ISO-Chemie GmbH Röntgenstraße 12 73431 Aalen		
Deklaration code	EPD-BÄ-3.2		
Designation of the declared product	Sealing tapes made of polyurethane and polyethylene		
Scope	Sealing tapes for professional sealing of the connection joint between components, such as windows / doors / facades / lightweight constructions / WDVS etc.		
Basis	This EPD was prepared on the basis of EN ISO 14025:2011 and DIN EN 15804:2012+A2:2019. In addition, the "Allgemeiner Leitfaden zur Erstellung von Typ III Umweltproduktdeklarationen" (General guideline for elaboration of Type III Environmental Product Declarations) applies. The Declaration is based on the PCR Documents "PCR Teil A" PCR-A-0.3:2018 and "Baukörperanschlüsse und Abdichtungssysteme " PCR-BA-2.3:2018.		
Validity	Date of issue: 07.04.2022	Last revision: 07.04.2022	Next revision: 07.04.2027
	This verified company Environmental Product Declaration applies solely to the specified products and is valid for a period of 5 years from the date of issue according to EN 15804.		
LCA Basis	The LCA was prepared in accordance with EN ISO 14040 and EN ISO 14044. The base data include both data collected at ISO-Chemie GmbH and generic data from the „GaBi 10“ database. The Life Cycle Assessment was calculated through the life cycle „cradle to gate with options“ taking into account all upstream chains such as raw material exploitation.		
Notes on publication	The "Conditions and Guidance on the Use of ift Test Documents" apply. The declaration holder assumes full liability for the underlying data, certificates and verifications.		
			
Christian Kehrer Director of ift Certification and Surveillance Body	Dr. Torsten Mielecke Chairman of committee of experts ift EPD and PCR	Xaver Hilz Independent Verifier	

Note: Use the extended version of the EPD for further information..

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Prüfung und Kalibrierung – EN ISO/IEC 17025
Inspektion – EN ISO/IEC 17020
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Zertifizierung Managementsysteme – EN ISO/IEC 17021

