

WAKOL AR 114 Reinforcement Fibres

Sustainability datasheet

Environment protection assessment

Recycling capability	Recycling capability
	All Wakol packaging can be processed and recycled after complete emptying. Disposal of empty containers through Interseroh.

Building certification systems

Sustainable building is registering increasing market significance worldwide. Various building certification systems now exist, which pursue a common objective: Promote building with positive (or less harmful) effects on the environment, ideally in harmony with the environment.

Within the individual systems buildings are rated using a comprehensive list of criteria based on their possible environmental impacts. The rating generally includes requirements of construction products and materials which are used indoors.

System	Classification WAKOL AR 114 Reinforcement Fibres
DGNB	Not applicable
QNG	Not applicable
LEED	Not applicable
BREEAM	Not applicable
Baubook	Not applicable

BVB	Not applicable
Nordic Ecolabel	Not applicable

DGNB

The certification system of the German Sustainable Building Council (DGNB) rates the sustainability of buildings across their entire life cycle.

Under criterion ENV 1.2 "Risks for the local environment", materials, (construction) products and preparations are classified with regard to their hazardous or harmful effect on people, flora and fauna.

Products marked with:

- GISCODE D 1, ZP1, RU 0,5, RU 1, RE 05, RE 10, RE 20, RE 30, or RS10 and
- EMICODE EC1 or EC1 PLUS

satisfy the requirements of the highest DGNB quality level.

QNG

The 'Quality Seal for Sustainable Buildings' (QNG) is a state seal of quality for buildings, with the Federal Ministry of Housing, Urban Development and Building (BMWSB) as the seal issuer and accredited certification bodies as awarding bodies.

The quality seal is applicable to products that fulfil the criteria in the QNG requirements catalogue, Annex Document 313, Version 1.3, Pollutant Avoidance in Building Materials.

LEED

The American LEED® model (Leadership in Energy and Environmental Design) is internationally acknowledged and demonstrates the building quality in terms of energy and ecological aspects. Adhesives and sealants, as well as sealing primers, are rated according to whether they comply with the defined VOC limit values for emissions to the ambient air when used on the construction site.

Products classified as EMICODE EC1 PLUS satisfy the requirements i.a.w. IEQ 4.1 (Indoor Environmental Quality) with regard to "low-emitting adhesives and sealants" in the territory outside of North America.

BREEAM

BREEAM (Building Research Establishment Environmental Assessment Method), developed in Great Britain, is an internationally used system for the sustainability rating of buildings. The effects of adhesives and sealants on the quality of the ambient air in buildings are examined under "Hea 02 Interior Air Quality".

Products classified as EMICODE EC1 PLUS meet the requirements for use indoors.

Baubook

Via the internet platform of the Austrian baubook GmbH, manufacturers can declare their building products online - with regard to ecological criteria, building physics and building ecology parameters as well as product group-dependent properties. The platform is operated by the Vorarlberg Energy Institute and IBO GmbH.

After successfully passing quality assurance, the products are listed at www.baubook.info.

BVB

The Swedish BVB system or "Swedish Building Materials Assessment (Byggarbedömningen)" rates construction products in terms of their environmental impacts. Adhesives are viewed in Category 6 – Materials used on surfaces or applications where emissions to the ambient air may arise.

Products classified as EMICODE EC1 PLUS meet the requirements for use indoors.

Nordic Ecolabel

The Nordic Ecolabel is the national sustainability label of the Scandinavian countries. Products listed in the 'supply chain declaration portal' database fulfil the criteria of the Nordic Ecolabel 'New buildings Generation 4'.

Important information

All details are based on our findings and the stage of product development at the time of creation.

In addition, the notices in the technical information and safety datasheets must also be observed. They can be found together with the product datasheets in their latest version online at www.wakol.com.

All previous versions become invalid with the publication of this sustainability datasheet dated October 11th, 2024.