



SUSTAINABILITY DATA SHEET

KEIM AQUAROYAL®-ARMIERUNGSMÖRTEL

1. PRODUCT DESCRIPTION

KEIM AquaROYAL-Armierungsmörtel is a mineral reinforcement mortar with hydroactive properties in the system structure of the AquaROYAL render and coating system. KEIM AquaROYAL-Armierungsmörtel is a factory-produced dry mortar GP according to DIN EN 998-1. For a detailed product description, as well as processing information, please refer to the Technical Data Sheet on www.keim.com.

2. INGREDIENTS

Declaration of ingredients (according to VdL directive 01) (VdL: German Paint and Printing Ink Association)	White cement, white hydrated lime, polymer, mineral fillers, thickeners, fibres, hydrophobing agent.
Declaration of ingredients (according to natureplus)	Not certified
Organic content (according to DIN 18363 section 2.4.1)	Not applicable
Solvent content (according to directive 2004/42/EC)	Not applicable
Plasticiser content (according to VdL directive 01) (VdL: German Paint and Printing Ink Association)	Not included (no recipe component)
Aromatic hydrocarbons	Not included (no recipe component)
Plasticiser content (according to VdL directive 01) (VdL: German Paint and Printing Ink Association)	Not included (no recipe component)
Hazardous ingredients (according to CLP regulation)	Refer to section 3 of safety data sheet (link under section: Further documents)
Active ingredients for coating protection (film preservative, product type 7 as per BPR)	Not included (no recipe component)
Active ingredients for storage protection (film preservative, product type 6 as per BPR)	Not included (no recipe component)
Lead, cadmium, chromium VI, arsenic, mercury	Not included (no recipe component)

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CMR substances of categories 1A and 1B (according to CLP regulation)	Not included (no recipe component)
PBT and vPvB substances (according to REACH regulation)	Not included (no recipe component, see section 2 of Safety Data Sheet)
Ozone-depleting substances (according to regulation (EC) Nr. 1005/2009)	Not included (no recipe component)
Formaldehyde	Not included (no recipe component)
Per- and polyfluorinated alkyl compounds (PFAS) (according to REACH regulation)	Not included (no recipe component)
Halogenated organic compounds	Refer to section 12 of safety data sheet (link under section: Further documents)
Compliance with the limitation of emissions of the titanium dioxide industry (according to directive 92/112/EEC or directive 2010/75/EU)	Does not contain titanium dioxide.
QNG-requirements (according to QNG version 1.3 in Attached Document 313)	Not classified

3. TEST REPORTS / EXPERT REPORTS / CERTIFICATIONS / LOGOS

Test reports	On demand
Expert reports	On demand
Product code / GISCODE (according to directive 2004/42/EC)	ZP 1
MAL code	Not relevant

Certification / Logos



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4. INFORMATION FOR BUILDING CERTIFICATION AS PER DGNB

Product group (ENV 1.2)	Coatings for mineral surfaces outside such as concrete, masonry, mineral mortars and fillers, renders, ETICS, wallpapers (facade wallpapers), gypsum plasterboards, etc.
Solvent content (according to directive 2004/42/EC)	Not applicable
Dilutability with water (according to directive 2004/42/EC)	Yes
Product-specific life cycle assessment values (ENV 1.1 and ENV 2.1)	Not specified
Quality level (ENV 1.2)	Not relevant
Product-specific life cycle (ECO 1.1)	30 years (according to BNB: National rating system for sustainable building)
Safety and risks of failure (SOC 1.7)	No negative influence, since no halogenes contained
Cleaning instruction (PRO 1.5, PRO 2.2)	Refer to technical data sheet (link under section: Further documents)

5. ANGABEN ZUR EIGNUNG NACH LEED V4.1

Product group (EQ4.2)	Flat Topcoat
VOC (as per SCAQMD Rule 1113, Architectural Coatings, rules in effect on February 5, 2016)	Not relevant
VOC limit met	Not relevant
Recycling rate (from post-consumer sources) (MR4)	KEIM AquaROYAL-Armierungsmörtel can achieve the service life of the building components. KEIM AquaROYAL-Armierungsmörtel does not have a real after-use phase. The final disposal is carried out in conjunction with the building components via building rubble. If it is pure building rubble, recycling takes place in accordance with national regulations. Normally, building rubble is crushed and returned to the economic cycle as a substitute for fillers (road construction, concrete).
Recycling rate (from production-relevant sources) (MR4)	0 %

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Fast renewable raw materials
(MR 6)

0 %

Regional materials
(MR 5)

No information

Production site
(MR 5)

KEIMFARBEN GMBH, Keimstraße 16, D-86420 Diedorf, Tel. +49 821 4802-0

6. MANAGEMENT SYSTEMS AND CORPORATE CERTIFICATIONS

Quality and environmental management

The manufacturing/marketing company is certified according to DIN EN ISO 9001 and DIN EN ISO 14001. The company performs a regular energy audit according to DIN EN 16247-1.

7. SAFETY INSTRUCTIONS

See materials safety data sheet

(link under section: Further documents)

8. FURTHER DOCUMENTS

Further documents can be found under <https://www.keim.com/en-de/products/etic-systems/aquaroyal/aquaroyal-mw/>.

The idea of sustainability defines and guides our joint entrepreneurial activities. Our belief in the added value of mineral building products takes this premise into account. The character of our company is shaped by the spirit of its founder. For more than 140 years, we have been committed to A. W. Keim's guiding principle of looking carefully to the future and subsequent generations. To this day, this premise carries our entrepreneurial activities far beyond the innovative use of natural raw materials - by creating regional jobs, valuing our employees and handling our limited resources with care. Sustainable building and renovation are therefore a very decisive contribution to a healthy living situation, quality of life and a better future. This document is therefore intended to help you to assess the sustainability of our products.

The information is based on the requirements of the product data sheet of VDL Guideline 11 (4th revision). Further details are additional information.

The stated values and properties are the result of extensive development work and practical experience. Our recommendations for application, whether given verbally or in writing, are intended to provide assistance in the selection of our products and do not establish a contractual relationship. In particular, they do not release the purchaser and processor from the obligation to convince themselves of the suitability of our products for the intended application with due care, which is general practice in trade and crafts. The general rules of construction technology must be observed. We reserve the right to make modifications to improve the product or its application. This edition supersedes all earlier editions.



KEIMFARBEN GMBH

Keimstraße 16 / 86420 Diedorf / Tel. +49 821 4802-0 / Fax +49 821 4802-210
Frederik-Ipsen-Straße 6 / 15926 Luckau / Tel. +49 35456 676-0 / Fax +49 35456 676-38
www.keim.com/ / info@keimfarben.de