



Facade systems

P237.rs

Technical Data Sheet

02/2018



Addi

Silicone-reinforced facade render finish

Description of product

ADDI is ready for use, water-resistant, facade render finish enriched with silicone, intended for contact facade systems with EPS and stone mineral wool.

Ingredients:

Dispersive resin, silicone, special mixture of fillers, water, additives, preservatives and pigments.

Shipment method:

Bucket 25 kg

Addi S (smoothed structure):

Granulation 1.5 mm product number 614186

Granulation 2.0 mm product number 619122

Toned:

Granulation 1.5 mm product number 619098

Granulation 2.0 mm product number 619119

Addi R (scratched structure)

Granulation 2.0 mm product number 614191

Toned:

Granulation 2.0 mm product number 619111

Storage and transport:

Protect against frost, high temperatures and direct sunlight. In the original package in a cool place, protected from frost (at temperatures from +5 °C to +25 °C) the shelf life is 12 months.

Quality:

The product is subject to permanent quality control and bears the CE marking.

Scope of application:

Systemically tested render finish for contact facade systems with thermal insulation panels made of EPS and rock mineral wool.

Properties

- Pasty facade render finish in accordance with EN 15824
- Ready for use
- High resistance to weathering
- Resistant to soiling
- Open for water vapor diffusion
- Intended for outdoor use
- White color
- Tenable

Application

Preparation works:

Before commencing work, protect all surfaces that are sensitive to soiling. The freshly applied coats are protected from the influence of moisture, rain, overdrying, direct influence of sun and strong wind by appropriate protection measures such as scaffolding canvases. The substrate must be load-bearing, dry, flat, dedusted and degreased. On existing materials, such as paints or old mortars, test the load-bearing capacity and compatibility with the Addi product before use and remove them if necessary. Before applying the material, the substrate mortar and/or reinforcing mortar must be completely dried. Materials or layers that are not completely dry can cause damage to the materials applied over them. The primer Knauf Quarzgrund must be dried for at least 12 hours before applying the facade render. The primer must be toned in the same shade as the facade render finish.

Application:

Before starting the application, the correctness of the shade should be checked. In case of toned facade render, use only material from one batch. In case the material is from different batches, it is necessary to combine and mix the material beforehand. Mix the material thoroughly with a mixer before use. If necessary, adjust the consistency by adding small amounts of water. Apply the material with a stainless steel smoothing trowel. Immediately after application, the material should be evenly and without interruption smoothed with a plastic trowel. The type of tool used can have an impact on the structure, so it is recommended to use the same tool during single application. If necessary, the facade render finish Addi can be painted with a suitable Knauf facade paint. In order to avoid so-called crossings, it is necessary to employ a sufficient number of installers, at all working heights along the height of the scaffold, and to apply the facade render according to the wet-to-wet principle. Clean the tool thoroughly with water immediately after use.

Drying time:

Drying of the material in ideal conditions is 1 day per (mm) of the thickness of the applied coat of material. At unfavorable external temperatures and air humidity, the drying time is longer. The material will be completely dried in favorable weather conditions after 14 days.

Operating temperature:

The material should not be applied at air and substrate temperatures below +5°C and higher than +25°C. Also do not apply to surfaces that have been heated.

Special remarks

Considering the use of natural aggregates, as well as due to the physical process of drying, slight discrepancies of shades can occur under different weather and outdoor conditions. When selecting the shade, a realistic, dried sample of the material should be used. Permanent absence of algae and fungi cannot be guaranteed.

Safety remarks:

For safety remarks, see the safety data sheet.

Technical data

EN 15824 (September 2017)

Property	Value	Standard
Reaction to fire	B-s2, d0	EN 13501-1:2010-01
Material density	ca. 1800 kg/m ³	EN ISO 2811-1:2017
Vapor permeability	V ₁ high	EN ISO 7783
Water repellency	W ₂ medium	EN 1062-3:2008-4
Adhesiveness	≥ 0.3 MPa	EN 1542
Durability (frost resistance)	w ≤ 0.5kg/(m ² ·h ^{0.5})	EN 13687-3
Thermal conductivity	λ = 0.7 W/(m·K)	EN 1745

The technical data are determined according to the applicable European standards. Minor deviations due to site conditions are possible.

Consumption of materials

Product	Thickness of application mm	Consumption kg/m ²	Specific yield m ² /bucket
Addi S 1.5	1.5	2.5	10
Addi S 2.0	2.0	3.0	8
Addi R 2.0	2.0	2.7	9

Consumption data are experiential data and can be accurately determined only by trial application on the construction site.

Production range

Product	Type	Granulation	Packaging	Product number	EAN code
Addi S 1.5	25 kg	1.5 mm	24 buckets/pallet	00614186	8606108939000
Addi S 1.5	25 kg toned	1.5 mm	24 buckets/pallet	00619098	8606108939055
Addi S 2.0	25 kg	2.0 mm	24 buckets/pallet	00619122	8606108939017
Addi S 2.0	25 kg toned	2.0 mm	24 buckets/pallet	00619119	8606108939062
Addi R 2.0	25 kg	2.0 mm	24 buckets/pallet	00614191	8606108939079
Addi R 2.0	25 kg toned	2.0 mm	24 buckets/pallet	00619111	8606108939086



Pay attention to the safety data sheet!
Safety Data Sheet and CE mark are available at
www.knauf.rs

▶ **Tel.: +381 11 2074 500**

▶ **info@knauf.rs**

▶ **www.knauf.rs**

Knauf Zemun d.o.o. 16 b, Batajnički drum Street, 11080 Zemun

We reserve the right to make technical changes. Only the last edition is valid. The information provided corresponds to our current technical knowledge. Generally recognized rules of construction technology, standards and guidelines must be observed by the contractor. Our warranty applies only to the impeccable quality of our products. Data on consumption, quantity and mode of operation are experiential data and cannot be used in the event of deviations in practice. We reserve all rights. All modifications, reprints and photomechanical reproduction, in whole or in part, require the explicit consent of the manufacturer.