

Note on English translation / Hinweise zur englischen Fassung

This is a translation of the product data sheet valid in Germany.

All stated details and properties are in compliance with the regulations of the German standards and building regulations. They are only applicable for the specified products, system components, application rules, and construction details in connection with the specifications of the respective certificates and approvals.

Knauf Gips KG denies any liability for applications outside of Germany as this requires changes acc. to the respective national standards and building regulations.

KNAUF

Plaster and Façade Systems

B132M.de

Product Data Sheet

2022-01



Fassadol Metallic

Metallic effect coat for interiors and exteriors

Product description

High coverage, silicone-reinforced, very colour shade fast effect coating with a metallic lustre available in different colour shades. Fassadol Metallic is particularly suitable for creative surface design in interiors and on the façade.

Composition

Pure acrylic, metallic effect pigments, water, glycol ether, water-repellents, additives and preservatives.

Storage

The material can be stored for at least 12 months in the original container in a cool and frost-free environment. Close opened buckets airtight.

Quality

The product is subject to continuous factory production control and is compliant to EN 1062-1 as well as DIN 18363 section 2.4.1.

Properties and added value

- Suitable for interior and exterior application
- Shiny metallic lustre
- High coverage
- Highly stable colour hues
- Without biocide formulation
- Fast drying
- Shiny gloss lustre
- Available in the colours gold, silver, copper, carbon, carnelian, pebble, crystal and emerald

Field of application

Fassadol Metallic for interior and exterior use on

- Mineral renders (e.g. Noblo, SP 260 Pro)
- Organic renders (e.g. Conni, Addi)
- Silicate renders (e.g. Kati)
- Concrete
- Old paint coats
- Gypsum plasters (e.g. MP 75, MP 75 L)
- Gypsum boards
- Paper wallpaper, fleece wallpaper and relief wall coverings

Application

Substrate and pretreatment

Substrate	Pretreatment
Lime-based/cementitious mortar CS II/CS III acc. to EN 998-1	Pretreat coarse, porous, sanding, highly absorbent substrates with Grundol / Isogrund primer.
New mineral based renders (e.g. Noblo, SP 260 Pro)	After sufficient drying time (minimum 7 days), apply a primer coat with Casiol Grund.
New organic renders (e.g. Addi, Conni)	After sufficient drying time (generally 1 day per mm layer thickness, however at least 3 days), apply directly without pretreatment.
Mineral based old renders	Knock out the cavities, clean the substrate thoroughly and apply render in accordance with the existing material and texture. Allow the newly rendered areas to dry sufficiently, and if necessary, apply fluosilicate treatment and wash off.
Stable, but chalking or sanding surfaces	Pretreat with Grundol primer; Tiefengrund primer must be fully absorbed beforehand.
Concrete	Remove traces of release agent (e.g. formwork oil) and soiling.
Gypsum plasters compliant to EN 13279-1	Sand gypsum plasters with a sinter skin and remove the dust. Primer coat with Grundol.
Gypsum boards	Sand down coarse filler and remove the dust. Apply a primer coat of Grundol and a sealing coat of Atonol. Apply an initial coat of Malerweiss E.L.F. to avoid that the board shimmers through.
Unpainted paper wallpaper, fleece wallpaper and relief wall coverings.	Apply without primer coat. Perform a trial coat of Malerweiss E.L.F. paint if required.

Preparation

Check substrate for compliance with VOB part C, DIN 18350, DIN 18345 chapter 3.1 and/or according to VOB part B, DIN 1961 paragraph 4 no. 3. Clean the substrate of dust and loose parts and remove, ensure that the surface is smooth.

Preparation of the substrate in accordance with the substrate and pretreatment table. All substrates must be stable, dry, even and free of grease and dust as well as free of any residual substances that may reduce the adhesion. Please observe BFS Code of Practice 9, section 5.2 (German only). Test existing coats (paint coats and old renders) for stability and compatibility before application of Fassadol Metallic.

Cover easily-soiled building components before commencement in accordance with Code of Practice "Abklebe- und Abdekarbeiten für Maler- und Stuckateurarbeiten - Masking and covering for painting and stucco work" (German only) issued by the Bundesverband Ausbau und Fassade.

Protect weather-exposed surfaces from precipitation and direct sunlight.

Product application

Before work commences, check colour and batch numbers on all buckets as well as the colour shade by sampling (trial coat) to ensure it is correct. Never apply the content from different buckets together on a common wall. Mix the contents together in a clean bucket beforehand. Stir the contents of the bucket thoroughly before and during work. Fassadol Metallic paint can be set ready to use by adding up to 3 % water by weight. Dilution with up to 10 % water by weight is possible as a primer coat. In case of over-dilution, the hiding power (opacity) and the guaranteed properties will be affected.

Apply Fassadol Metallic thin, evenly and seamlessly *wet-in-wet* onto the stable, clean and dry surface. Always complete surfaces that can be viewed together on the same day. Always complete a surface once started. Always work so that the transition areas between scaffolding are roll or brush applied *wet-in-wet*. Application is undertaken using a paint roller or paintbrush.

Application temperature / climate

Do not apply material at air and/or substrate temperatures below +5 °C and above +30 °C. Protect fresh coats from the effects of moisture, e.g. from precipitation and from the effects of rapid water loss, e.g. by exposure to direct sunshine or strong wind, by protecting with suitable measures such as protective nets. Do not apply Fassadol Metallic onto preheated substrates.

Drying time

Fassadol Metallic is touch dry at +20 °C and 65 % relative humidity after approx. 12 hours. These drying times are extended at lower temperatures and/or higher levels of air humidity. A minimum drying time of 24 hours and a maximum of 7 days is necessary between coats. Fully dry and ready-to-use after at least 3 days.

Note	Paint coats have to be applied according to DIN 18363 VOB part C section 3 as well as the generally recognized building engineering rules and valid guidelines. Differences in the colour shade and surface shading may occur due to different weather-related and building site conditions.
-------------	--

Note	When applying Fassadol Metallic on smooth surfaces, the background substrate should be pretreated with an almost identical colour shade, as the metallic pigments may be displaced and distributed irregularly when applied with a brush or a roller. Intol E.L.F. paint for interiors and Fassadol for exteriors are suitable for this purpose.
-------------	--

When applying Fassadol Metallic paint on newly created mineral final coats, it is essential that the drying times are observed. After the alkalinity has decayed (at least 6 weeks) it may be possible to omit the primer coat after testing.

Should dark coloured surfaces be exposed to high mechanical loading, the colour may change at affected locations (crazing). It will not influence the product quality and functionality in any way.

Fassadol Metallic does not have a biocide film coating. When applied on exteriors, use of an additional biocide is strongly advised. Permanent protection against algae and fungi cannot be guaranteed, as the susceptibility depends on the local and environmental conditions.

The colour shade should be verified before application. On optically connected plastered surfaces, only apply materials with the same batch number or mix together materials from different batches.

Technical data

Description	Standard	Unit	Fassadol Metallic
Gloss	EN ISO 2813	Class	≤ 60 at 60°, medium gloss; G2
Dry film thickness	EN 1062-1	Class	E3, < 100 ≤ 200 µm
Grain size	EN ISO 1524	Class	< 100, fine, S1
Water vapour transmission rate	EN ISO 7783-2	Class	V2 average value
Liquid water permeability	EN 1062-3	Class	≤ 0.1 kg/(m ² +h ^{0.5}), low
Colour shade durability	BFS code of practice no. 26	Class	A, 1
Density	–	kg/l	1.02
VOC content	Directive 2004/42/EC, annex II, table A (Limit value product sub-category c: 40 g/l)	g/l	< 25

The technical data was determined according to the respective applicable test standards. Deviations under site conditions are possible.

Material requirement and efficiency

Surface	Bucket l	Consumption approx. l/m ²	Yield approx. m ² /bucket
Smooth	5.0	0.13	38
	12.5		96
Rough	5.0	0.17	29
	12.5		74

The exact consumption can only be determined with a test application on the individual object.

Product range

Description	Application l	Paint	Packaging unit Buckets/pallet	Material number	EAN
Fassadol Metallic	5.0 l	Pigmented	68 buckets / pallet	00579310	4003950117626
	12.5 l		32 buckets / pallet	00579308	4003950117602



Observe safety data sheet!

For safety data sheet see

pd.knauf.de



Videos for Knauf systems and products can be found under the following link:

youtube.com/knauf



The Knauf Infothek App now provides all the current information and documents from Knauf Gips KG at any time and in every location in a clear and comfortable way.

knauf.de/infothek

Knauf Direct

Technical Advisory Service:

▶ knauf-direkt@knauf.com

▶ www.knauf.de

Knauf Gips KG Am Bahnhof 7, 97346 Iphofen, Germany

All technical changes reserved. Only the current printed instructions are valid. The stated information represents current state-of-the-art Knauf technology. The entire state of approved engineering rules, appropriate standards, guidelines, and rules of craftsmanship are not included herewith. These and all application instructions have to be adhered to separately by the installer. Our warranty is expressly limited to our products in flawless condition. All application quantities and delivery amounts are based on empirical data that are not easily transferable to other deviating areas.

All rights reserved. All amendments, reprints and photocopies, including those of excerpts, require our expressed permission.