

Baumit CrystalTop

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Benefits

- **Highest protection against dirt**
- **Outstanding durability**
- **Natural & extermely breathable**



Product Overview

Baumit CrystalTop is the render finish of the Baumit CrystalSet. Its unique surface is natural, breathable and due to the CrystalEffect especially dirt resistant and highly durable.

Composition

Mineral binder, polymer dispersion, mineral fillers, white pigment, water, thickener, defoamer, dispersing agent.

Properties

CrystalSet (special primer CrystalActivator + finishing plaster CrystalTop)
CrystalEffect (anti-dust & anti-greying)
Mineral
Highest breathability
Extremely durable facade coating

Application

Innovative finishing plaster system on Baumit thermal insulation composite systems as well as on mineral plasters and levelling compounds.

Technical Data

Product	
Reaction to fire:	A2
Density:	app. 1.85 kg/dm³
sd-value:	≤ 0.1 m at a thickness of 2mm
µ-value:	< 50 CrystalSet (CrystalTop & CrystalActivator Combined)
V-value:	V1

Variant(s)	CrystalTop K1.5	CrystalTop K2	CrystalTop K3	CrystalTop 2R
yield	10 m²/bucket	8.6 m²/bucket	6.4 m²/bucket	9.6 m²/bucket
Consumption	2.5 kg/m²	2.9 kg/m²	3.9 kg/m²	2.6 kg/m²

Delivery Format

Bucket 25 kg, / 1 Pallet = 32 Buckets = 800kg

Storage

Can be stored dry, cool, frost-free and in closed buckets for 12 months. Protect product from ambient temperatures above 35° C, below 5° C and from direct sunlight!

Quality Assurance

Internal quality assurance is provided by the manufacturer's plant.

Classification according to the Chemicals Act

Gather the detailed classification from the Safety Data Sheet (according article 31 and annex II of the regulation No. 1907/2006 of the European Parliament and –Council from 18.12.2006) at www.baumit.com or request the Safety Data Sheet at the respective production plant.

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Substrate

The substrate must be clean, dry, frost-free, dust-free, not water-repellent, free of efflorescence, load-bearing and free of loose parts.
Suitable: On mineral substrates, e.g. Baumit basecoats and levelling compounds.
Not suitable on:

- Plastics and resins.
- Lacquer and oil films.
- Glue paints.
- Lime plasters and paints.
- Wood and metals.

Substrate pre-treatment

Levelling strongly or unevenly absorbent surfaces with Baumit MultiPrimer.
Consolidate chalky or sanding surfaces with Baumit SanovaPrimer (see product data sheet).
Remove sintered skin mechanically.
Remove formwork oil residues on concrete with superheated steam or formwork oil remover, or by grinding.
Clean contaminated surfaces

- Treat substrates affected by algae and/or fungi with a special agent (e.g. Baumit FungoFluid).
- Remove poorly adhering, weathered coatings

Cover damaged or cracked mineral surfaces with filler (e.g. Baumit StarContact) and, if necessary, reinforce with Baumit StarTex.
In addition to the pre-treatments listed here, all substrates must always be pre-coated with Baumit CrystalActivator (standing time: min. 24 hrs.) The substrate must be set and dry.

Processing

Coating build-up: Apply 1 x Baumit CrystalActivator fully covering and evenly.
After a drying time of Baumit CrystalActivator of at least 24 hours, Baumit CrystalTop can be applied once.Before application, Baumit CrystalActivator is thoroughly mixed with a slow-running agitator and must not be diluted. Apply Baumit CrystalActivator evenly over the entire surface using a lambskin roller or brush.
Before application, Baumit CrystalTop is thoroughly mixed with a stirrer and must not be diluted for application.The finishing plaster is applied over the entire surface with a stainless steel trowel or sprayed on with a suitable finishing plaster machine, drawn off to grain thickness and rubbed in with a plastic friction board immediately after application. Do not mix with other coating materials. Work evenly and without interruption.

Notes and General Information

The air, material and substrate temperature must be at least +5°C during application and the setting process.
Weather protection: Protect the façade from direct sunlight, rain or strong wind (e.g. by means of suitable scaffold protection nets). High humidity and/or low temperatures (e.g. late autumn) can significantly extend the drying time and change the colour shade unevenly. High temperatures in summer shorten the drying time (burning of the coating possible).
Colour shade: The colour shade development can be influenced by the substrate conditions, temperature and humidity. Particularly partial façade surfaces (scaffolding shadows), irregularities in the substrate (structure, absorption behaviour) or different weather conditions can result in colour differences (stains).
Colour uniformity can only be guaranteed within one production batch. When using different batches, it is essential to mix them before starting.
The sands used in Baumit facade plasters are natural products. Therefore, it may occasionally occur that they are recognisable as slightly darker grains. This is by no means a quality defect, but a minor visual impairment, which demonstrates the natural character and the natural properties of the raw materials of the Baumit facade renders.
Mechanical effects on the plaster surface can lead to colour changes (filler breakage) at these points.This colour change does not affect the functionality or the product quality.
Lightness reference value: The lightness reference value must not fall below 25 when used on external thermal insulation composite systems.Microbial infestation: This finishing render has a premium finish to protect against algae and fungal infestation. This achieves a preventive and retarding effect. For objects with critical environmental conditions (e.g. above-average moisture load, precipitation, proximity to bodies of water, green areas, forest edge locations, green and tree populations, plant growth close to houses, etc.), we recommend reinforcing this equipment. A permanent absence of algae and/or fungal infestation cannot be guaranteed.
Safety precautions: see safety data sheet.
Cleaning instructions: Protect eyes and skin surfaces, as well as the surroundings of the coating surfaces, especially glass, ceramics, clinker, natural stone, lacquer and metal. If necessary, rinse off splashes with plenty of water, do not wait until the plaster has dried and hardened. Clean tools and equipment with water immediately after use.

Written and oral application technology recommendations provided by us to assist the seller/processor are based on our experience and reflect the current state of the art in science and practical application know-how. However, it is understood that these recommendations are non-binding. They do not create any legal relationship or any ancillary obligations in connection with the sale contract. They do not release the buyer from its obligation to verify the suitability to our products for the intended purpose or use by itself.

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