

ESP-P Casul Fine Finish Coat Render

Product description

ESP-P Casul Fine Finish Coat Render is a ready-to-use white facade plaster used as a decorative wall coating outside and inside on the basis of the innovative CASUL® white mineral which can be applied to many different, customary types of rendering (lime cement, cement, plaster, plaster-lime, plaster-lime-clay and clay renderings) and plaster base boards.

This highly breathable, water vapour permeable, shock-resistant, elastic, light-fast and alkaline-resistant fine-finish plaster coating is rain resistant immediately after application and is characterised by both low consumption values and ease of use.

> Technical data and characteristics

Standardisation	EN 15825
Compressive strength	approx. > 1.0N/mm ²
Spreading rate according to the standard	approx. 12 m ² per 25 kg bucket with a grain size of 2 mm approx. 8 m ² per 25 kg bucket with a grain size of 3 mm
Consumption	approx. 2.1 kg/m ² with a grain size of 2 mm approx. 3.1 kg/m ² with a grain size of 3 mm
Water absorption	W 2
Thermal conductivity (table value)	$\lambda \leq 0.7 \text{ W/(m}^{\circ}\text{K)}$
Water vapour permeability	V1 high
Grain size	2 or 3 mm
Colour	white
Fire performance	E

> Logistics and safety instructions


Form of delivery	in a 25 kg bucket
Storage	ESP-P Casul Fine Finish Coat Render should be used within 18 months when stored in a cool, dry location free from frost in the closed container. Do not permanently store with temperatures above 30°C. The pallets cannot be stacked!
Safety instructions	See safety data sheet, ESP-P Casul Fine Finish Coat Render does not pose a threat. GISCODE: M-SF01

Product data sheet 01/04/2019

Information

This product data sheet contains advices to the best of our knowledge and replaces all previous product data sheets. Its content, however, is not legally binding.

> CE labelling

	CASEA GmbH Pontelstraße 3 99755 Ellrich Germany	11 CASEA-118 720 EN 15824: 2009 Silicone resin plaster, plaster containing organic binders Rendering/plastering ceilings and walls inside and outside of buildings													
		<table border="0"> <tr> <td>Fire performance</td> <td>Class E</td> </tr> <tr> <td>Water absorption</td> <td>W2 medium</td> </tr> <tr> <td>Water vapour permeability</td> <td>V1 high</td> </tr> <tr> <td>Adhesive tensile strength</td> <td>≥ 0.3 MPa</td> </tr> <tr> <td>Thermal conductivity (table value)</td> <td>≤ 0.7 W/(m*K)</td> </tr> <tr> <td>Permanent adhesion</td> <td>NPD</td> </tr> <tr> <td>Hazardous substances</td> <td>NPD</td> </tr> </table>	Fire performance	Class E	Water absorption	W2 medium	Water vapour permeability	V1 high	Adhesive tensile strength	≥ 0.3 MPa	Thermal conductivity (table value)	≤ 0.7 W/(m*K)	Permanent adhesion	NPD	Hazardous substances
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*NPD (no performance determined) = Characteristics not determined since not relevant

Surfaces

ESP-P Casul Fine Finish Coat Render is used for mineral surfaces. Surfaces must be hard, free from frost, dry, clean and viable as well as free from blooming, sinter layers, separating agents, elements posing a risk of corrosion and other intermediate layers in any way interfering with the compound. In particular newly plastered surfaces must be equally dry and hardened. When working with highly absorbent surfaces, it might be necessary to apply a deep primer. In addition to the above, we recommend to apply **CLEANWALL CONTACT** as an intermediate primer.

Processing and Processing Time

Stir **ESP-P Casul Fine Finish Coat Render** thoroughly prior to the use. In the case of need, in particular when using a plastering machine for processing, it is possible to add a maximum of 3% of clean water to obtain the desired processing consistency. Do not add any admixtures. Plaster thickness depends on the relevant structure, but it should not exceed a value of 5 mm.

ESP-P Casul Fine Finish Coat Render is applied to grain size level by using a non-rusting steel truing device and will be subsequently rubbed down to a round form in an equal manner. The tools used for rubbing down (plastic scoops, PU hawks, stainless steel/plastic trowel) have great influence on the appearance. For the purpose of obtaining uniform appearance and avoiding visible seams, the coating should always be applied on a "wet-on-wet basis" in one go.

Building joints should be copied through trowel cuts or, even better, through adequate plastering profiles.

Mortar must be protected from both draughts and quick dehydration.

Important notes

- All standard precautions for the handling of construction materials/chemicals must be taken. See CASEA safety datasheet for detailed info.
- Protect skin and eyes during application. After contact with the eye, rinse it thoroughly under running water for a sufficient period of time. In the case of noticeable aftereffects, consult an ophthalmologist.
- Do not admix foreign material
- Do not process at a subsurface temperature or ambient temperature below +5 °C or above +30°C, respectively.
- Risky areas (such as windows, doors or metal areas) must be professionally protected from contamination.
- Observe the generally accepted codes of practice during processing.
- Protect plastered components and areas from unfavourable weather conditions (strong sunlight, wind, draughts, driving rain, frost, etc.).
- Information for disposal: Residual amounts in completely dried condition can be disposed of as domestic waste or construction waste. Completely emptied containers should be recycled via corresponding collection points. GISCODE: M-SF01.

Product data sheet 01/04/2019

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