

Technical Data Sheet

HECK ED WP coarse / fine

(Decorative Render)

HECK ED WP coarse / fine:

Dry factory-mixed mortar for thin-layered mineral finishing coats CS II, CR, W 2 in accordance with DIN EN 998-1 (P II in accordance with DIN V 18 550).
HECK ED WP is supplied in bags and can be applied with a sponge float finish or as textured render.

Render Type:	Maximum Grain Size:
HECK ED WP FINE	approx. 0.7 mm
HECK ED WP COARSE	approx. 1.0 mm

Properties:

- easy to apply
- highly water vapor and carbon dioxide permeable
- water-repellent

Colors:

White, or according to Color Sensation color fan deck; for other colors, please ask.

Areas of Application:

For exterior and interior use; not suitable for wall base application; also for use on HECK insulation systems EPS and MW/L-MW and on Rajasil renovation render systems.

The responsibility for any usage outside these areas of application lies solely with the user.

Composition:

White lime hydrate; white cement; carefully composed aggregates; hydrophobizing admixtures; admixtures for improving elasticity; mineral pigments

Technical Data:

water vapor permeability resistance coefficient μ :	approx. 8
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Coverage:

Render Type:	Coverage:
HECK ED WP FINE render thickness 3-5 mm	approx. 1.4 kg/m ² /mm
HECK ED WP COARSE render thickness 5-8 mm	approx. 1.4 kg/m ² /mm

These are averaged values based on practical experience. Depending on layer thickness and substrate, coverage may vary slightly.

Application and Substrate Temperatures:

+ 5 °C minimum; lower temperatures during the curing phase can have a sustained negative effect on product properties.

With high environmental temperatures (and/or strong wind), additional measures are necessary to prevent premature loss of mixing water.

Substrate:

Mineral renders CS II-IV in accordance with DIN EN 998-1 (P II-IV in accordance with DIN V 18 550), concrete, fiber cement, plasterboard.
We recommend undercoats made by HECK Wall Systems GmbH, as their technical specifications have been specially designed towards usage with this product.

Preparation of the Substrate:

Always cover work area thoroughly before starting.
The substrate must be free of cracks, level, clean, free of dust and grease, solid and dry (look for any condensation).

Just level undercoat using a trowel; remove mortar ridges.

Mineral undercoats must have hardened (curing time according to latest Technical Data Sheet).

HECK ED WP can be applied without prior priming. Pre-wet highly absorbent substrates.

Priming with HECK UG is necessary with:

- plasterboard
- gypsum-containing smooth substrates, such as gypsum renders, Fermacell boards etc.
- organic bonded substrates.

Application:

Mix the entire bag of HECK EP WD and the required amount of tap water in a mortar bucket to a lump-free consistency; let mix soak for approx. 10 minutes, then stir up again. Mixing and application by machine is also possible. Trowel on types fine/coarse in even thickness; texture first with trowel and then with brush or felt-finish with sponge float.

In case of sponge-float-finish application, and if there is no coating planned, do not use any additional water for wetting the material prior to or during application.

With larger surfaces, have a man work on every scaffolding level; finish continuous areas on the same day.

Curing time: approx. 1 day per mm of layer thickness.

After Treatment:

Protect freshly-applied render from premature dehydration (sun, wind, high temperatures), frost and rain during the curing phase.

Surface Coating:

Suitable are water vapor permeable, water-repellent coating systems, such as Rajasil SIF or Rajasil SHF. Normally (favorable weather conditions), these can be applied after a period of approx. one week. For further information, refer to the respective coating system's Technical Data Sheet.

Notes:

- With felted-finish textures on low-absorbent substrates, allow for sufficient curing time.
- With render application on non-water-repellent undercoats, such as lime renders, the whole system will be classified as "non-water-repellent"!
- Clean tools and equipment immediately after use with water.

Low temperatures or high atmospheric humidity can cause color divergences in colored renders. Weather-, substrate-, or application-related alterations in color of colored decorative render surfaces can be compensated by coating the superficially dry render with Rajasil SIF (roller or brush application).

As a rule, with colored decorative renders an equalizing paint coat is always deemed necessary and has to be included in invitations to tender and in quotations. In agreement with the client, on-site application can then be made dependent on whether or not the desired aesthetic effect necessitates such a coating. (Information Sheet: Equalizing Paints on Decorative Renders)

Normally, one-coat application is sufficient. Equalisation paint coats will be adjusted in accordance with our color fan deck or the submitted sample and can be readjusted by the applicator. Due to the usage of mineral raw materials, follow-up deliveries may vary in color. For continuous surfaces use only material from the same production batch, especially when no surface coating is performed. If possible, avoid follow-up deliveries. When placing a follow-up order, please make sure to provide: the date of your initial order, the batch number, as well as the shipping note/invoice number. Always mix newly supplied material and possible leftovers thoroughly.

Variations in color over the course of time due to weather factors, e.g. UV impact, and environmental factors, e.g. atmospheric particles, are not covered by warranty. Technical functionality remains unaffected.

Under adverse conditions, the possibility of the formation of micro-organisms, such as algae, cannot be ruled out; this does not constitute a reason for complaint.

Safety Instructions:

HECK ED WP contains lime and cement and thus reacts alkaline when fresh. Avoid contact with eyes and skin. If product gets on skin, wash off immediately. If product gets in eyes, flush with water immediately and seek medical attention. If product is ingested, seek medical attention. Wear suitable protective gloves. Keep product out of the reach of children. For further information, refer to Safety Data Sheet.

Storage:

Store in a dry place; shelf-life in original container: approx. 6 months.



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