

# Technical Data Sheet

## HECK EP KR JURA

(Scraped-finish Render)

**HECK EP KR JURA:** Dry factory-mixed mortar CS I, CR, W 2 in accordance with EN 998-1 (P II in accordance with DIN V 18 550) for the creation of thick-layer, mineral finishing coats

**Properties:**

- highly water vapor and carbon dioxide permeable
- water repellent
- can be applied without priming
- colors: white or as per Color Sensation color fan deck; for other colors, please ask

**Areas of Application:** For exterior and interior application; not for use on wall bases; also for use on HECK insulation systems EPS and MW/L-MW.  
The responsibility for any usage outside these areas of application lies solely with the user.

**Composition:** white lime hydrate, white cement, carefully composed quartz and jurassic grit, max. grain size approx. 2,5 mm, hydrophobizing additives, mineral pigments

<b>Technical Data:</b>	water vapor resistance coefficient $\mu$ :	approx. 12
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**Coverage:** approx. 16-20 kg dry mortar per  $m^2$   
application thickness approx 13 mm; render coat thickness after scraping approx. 9 mm  
These are averaged values based on practical experience. Depending on layer thickness and substrate, coverage may vary slightly.

**Substrate/Preparation of the Substrate:** Mineral renders CS II - IV in accordance with DIN EN 998-1 (P II, III in accordance with DIN V 18 550). We recommend using undercoats made by HECK Wall Systems GmbH, as their technical specifications have been specially designed towards coating with HECK EP KR JURA. Always cover work area carefully before starting. The substrate must be free of cracks, even, clean, free of dust and grease, stable and dry. Do not felt-float basecoats; trowel flush and key/roughen horizontally; pre-wet absorbent substrates appropriately. Perform roughening only after sinter skin has formed. Basecoats must have cured (curing time as per relevant Technical Data Sheet). Where applicable, place render beads using fast-curing cement mortar (Universalspachtel). Pre-wet basecoats thoroughly in accordance with absorbency and weather conditions.

**Application:** Mix entire contents of bag in a clean mortar bucket with the required amount of tap water to a lump-free consistency. Make sure to use even amounts of mixing water. Throw on mortar evenly with a trowel or spray-apply by machine. Level using straightedge, feather edge or trowel. If the grain "jumps" during scraping without any mortar sticking to the grain, scraping can be performed. Then, sweep using a soft brush. Note: Pigment agglomerations exposed during scraping can be washed out by rain and leave visible traces; this mainly applies to renders with strong colors. Normally, ED KR is not coated (painted). Low temperatures and high humidity can, with scraped-finish renders especially, result in lime efflorescences. Curing time approx. 1 day per mm of render thickness; but at least 10 days. Drying time is prolonged in cooler/moister weather conditions.

**After Treatment:** Protect mortar from premature dehydration (sun, wind, high temperatures), frost and rain during curing.

**Notes:** Do not work in strong direct sunlight (alternatively, use tarpaulins)  
If applied on non-water-repellent basecoats, e.g. lime renders, the entire system is classified as "non-water-repellent"!  
Clean tools with water immediately after use.  
The color effect at the property depends on render texture and drying conditions (weather, substrate). If render is applied in moist weather conditions and/or low temperatures, divergences in color (significantly darker color) or spots/stains caused by lime hydrate efflorescences may occur. We do not recommend applying the render in such conditions. Due to the usage of mineral raw materials, follow-up deliveries may slightly vary in color. Use only material from the same production batch for continuous surfaces, especially if no surface-coating is performed. Therefore, 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; mix newly supplied material and possible leftovers thoroughly.  
Variations in color and surface texture over the course of time due to weather impact, e.g. UV impact, and environmental factors, e.g. atmospheric particles, are not covered by warranty. Technical functionality remains unaffected.  
Under adverse conditions, the formation of micro-organisms, e.g. algae, cannot be ruled out and does not constitute a reason for complaint.

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**Safety Instructions:**

HECK EP KR JURA 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, immediately rinse with water thoroughly and seek medical attention. If product is swallowed, seek medical attention. Wear suitable protective gloves. Keep product out of the reach of children. For further information see Safety Data Sheet.

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**Storage:**

Store in a dry place; shelf-life approx. 9 months in original container.

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**Quality Control:**

Constant monitoring of production through laboratory analyses; regular internal and external controls.

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