



# Baumit KratzPutz KRP Jura

## Topcoat render

**Product** Factory prepared dry powder mortar in accordance with EN 998-1. Mineral based decorative topcoat render for thick coat application for internal and external areas. Suitable for hand or machine application. A system component of the Baumit External Wall Insulation Systems.

**Composition** Crushed limestone, lime, white cement and additives to improve workability and adhesion. Coloured Baumit KRP contains light fast pigments.

**Properties** Mineral based, weather resistant, water vapour and CO<sub>2</sub> permeable, stain resistant, and easy to use. Different grain sizes, 2mm, 3mm and 4mm, gives a choice of scraped surface textures. Retains a long lasting fresh appearance.

**Intended use** A thick layer topcoat render providing decoration and protection to facades and internal areas. For application over lime and cement render basecoats, renovation render, thermal render, contact mortars and Baumit EWI basecoats.

**Technical data**

Designation:	CS I acc. to EN 998-1
Aggregate size:	2.0/3.0/4.0 mm
Compression strength:	0.4 – 2.5 N/mm <sup>2</sup>
Thermal conductivity $\lambda_{10, dry}$ :	$\leq 0.93$ W/mK (P = 90%, tabulated) $\leq 0.83$ W/mK (P = 50%, tabulated)
Water vapour diffusion resistance $\mu$ :	10 - 12
Capillary water absorption :	W 2 (EN 998-1)

KratzPutz KRP Jura	KRP 02	KRP 03	KRP 04
Grain size [mm]:	0 - 2	0 - 3	0 - 4
Water requirement [l/sack]:	5 - 6	5 - 6	4.5 - 5.5
Application thickness ca. [mm]:	10	13	14
Scraped layer thickness ca. [mm]:	8	8	8
Consumption ca. [kg/m <sup>2</sup> ]:	11.4	7.6	6.3
Yield ca. [m <sup>2</sup> / sack]:	16	20	22
	1.6	1.3	1.3

The consumption rates serve for guidance only. An allowance of 10% more consumption should be calculated in practice.

**Health and safety**

Hazard label:		Xi irritant
R-phrases:	R 36/38 R 41 R 43	Irritates the eyes and skin Risk of serious eye damage Contact with skin can cause sensitisation
S-phrases:	S 2 S 24/25 S 26 S 37/39	Keep away from children Avoid contact with skin and eyes In case of eye contact, rinse with plenty of water and see medical assistance Wear suitable protective clothing and safety goggles

Low Chromate content according to TRGS 613

**Storage** Store in dry, cool conditions, free from frost in sealed tubs. Shelf life 12 months.

**Quality assurance** In house monitoring through our own laboratories. Third party inspection is carried out through a certified body.

**Packaging** Sacks 25 kg. 1 pallet = 42 sacks = 1050 kg.

**Substrate** Substrates must be sound, clean, dry, free from frost, dust efflorescence and not hydrophobic. Render basecoats must be flat, well keyed, dry and fully cured. Allow for drying times of 1 day per mm thickness for render base coats. Smooth concrete surfaces should receive a keyed bonding coat using a suitable contact mortar (for example Baunit MC 55 W or StarContact). Friable basecoats must be treated with Baunit **PutzFestiger** stabiliser. Allow to dry for 24 hours. Refer to Baunit for advice regarding other substrates and substrate preparation.

**Application** High suction substrates, gypsum plasters and plasterboards should be primed with a full and even coat of Baunit **PremiumPrimer** (undiluted) before applying Baunit **KratzPutz**. Allow to dry for 24 hours. Refer to Product Data Sheet.

**Mixing:**

Baunit **KratzPutz KRP** powder must be well and slowly mixed in a tub of clean water with an electric hand mixer to a creamy workable consistency.

Automated continuous horizontal mixers may also be used. For small areas the mixed render can be manually applied. For larger areas the fresh render can be fed into a mortar pump for spray application. Alternatively, mortar mixing pumps provide an all-in-one mixing and spraying solution.

**Application:**

The **KratzPutz KRP** topcoat render is applied onto the substrate to the required thickness and must be ruled off with a toothed straight edge to produce a full and even coating free of air pockets. The render should harden enough to cause the grains to “spring” from the surface when applying a little pressure in tight circular motions using the scraping tool. Baunit **KratzPutz KRP** can be directly applied onto Baunit **Dämmputz DP 85** thermal render basecoat which must be fully cured (min. 10 days) and horizontally keyed. After hardening, the finished surface of **KratzPutz KRP** should be swept with a soft brush to remove all loose particles.

Baunit **KratzPutz KRP** should be applied systematically and continuously in complete sections.

**Further information** The air, material and background temperature must be above +5° C during application and curing. Protect the facade from direct sunlight, rain and strong winds (i.e. with scaffold nets). High air humidity and low temperatures can prolong drying times considerably.

Coloured products from different batches must be mixed together prior to application.

Colour tone development can be affected by the background conditions, temperature and air humidity level

A Light Reflectance Value lower than 20 must not be used for application on to External Wall Insulation systems.

Protective measures: Protect eyes and skin, and surrounding areas, especially glass, ceramic, brick, natural stone, varnishes and metals. Wash away any splashes with plenty of water. Do not allow to dry and harden.

Clean tools and equipment thoroughly with water immediately after use.

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