

Sustainability data sheet

KORALAN® HIRNHOLZSCHUTZ (END GRAIN WOOD PROTECTION)



1. Product description

Water-based sealing

Moisture-regulating colourless coating for treating end grain surfaces (e. g. beam ends or grooved deck boards). Reduces the water or moisture uptake of the wood and reduces the bleeding through of wood constituents.

2. Ecolabels and certifications



- Registered with DGNB registration code: EG3EUQ

QNG

- Classified according to QNG

3. Ingredients

Product code / GISCODE	BSW20
VOC content (according to Directive 2004/42/EG)	<30 g/l
Dilutable with water (according to Directive 2004/42/EG)	Yes
Active substances for storage protection (in-can preservative, product type 6)	2-octy-2H-isotiazol-3-one, 3-iodo-2-propinylbutylcarbamate, zinc oxide, zinc pyrithione, 1,2-benzisothiazol-3-one
Active substances for coating protection (coating protection agents, product type 7)	Not part of the formula
Aromatic hydrocarbons	Not part of the formula
Plasticiser content according to VdL-RL 01	Not part of the formula
Hazardous ingredients according to CLP regulation	See safety data sheet (section 2 & 3)
Lead, cadmium, chromium VI	Not part of the formula
CMR substances of categories 1A und 1B	Not part of the formula
PBT and vPvB – substances	Not part of the formula
Ozone-depleting substances	Not part of the formula

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Formaldehyde / Formaldehyde depot substances	Not part of the formula
Boron compounds toxic to reproduction ≤ 0.1%	met
Compliance with the limitation of emissions of the titanium dioxide industry according to Directive 92/112/EEC or Directive 2010/75/EU	Not part of the formula

4. Information on building certification according to DGNB

Suitability for DGNB criterion ENV 1.2 (2023) “Risks for the local environment”

Product group No. 1	Coatings on non-mineral substrates: Metals, wood, plastics
Product type	This refers to decorative, fluid coating materials: varnish/scumbles with primer coatings. Excluded are effect coatings (e.g. metallic paints)
DGNB quality level 1	met
DGNB quality level 2	met
DGNB quality level 3	met
DGNB quality level 4	Factory side: met On-site: not met

5. Information on building certification according to QNG

Annex document 3.1.3 Avoidance of harmful substances in building materials (as of 28 July 2023)

Building product group 6.1	On-site coatings on wood, metal and plastic in indoor and outdoor areas
Building products to be verified	All decorative coatings (1K and 2K systems) including primers and wood scumbles: Steel beams, sheet steel doors, interior doors, door frames, banisters, heating pipes, timber construction elements (beams, posts, transoms, purlins, etc.), timber panelling, façade cladding, etc. - except floor coverings
Substances analysed	VOC / hazardous substances / heavy metals (lead, cadmium, chromium VI)
Regulations / reference standard	VOC according to 2004/42/EC, 1907/2006/EC, DE-UZ 12a

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QNG requirements for the avoidance of hazardous substances	
VOC ≤130 g/ml (water-based formula)	met
No pigments and siccatives based on lead, cadmium and chromium VI compounds	met

6. Quality and environmental management



Member of
DGNB

Deutsche Gesellschaft für Nachhaltiges Bauen
German Sustainable Building Council

7. Place of production

Kurt Obermeier GmbH
Berghäuser Straße 70
57319 Bad Berleburg
GERMANY

This data sheet has been compiled according to the latest state of the art and based on our experience. However, in view of the diverse requirements of building certifications, the buyer/user is not released from his/her obligation to check our assessment on his/her own responsibility for its suitability for the intended certification system and its respective requirements. This data sheet is only valid in its latest version and in conjunction with the current technical data sheet and the safety data sheet.

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