Slc® Eco D 98

Eco-friendly, organic mineral adhesive to lay small format hardwood floors, ideal for use in GreenBuilding. Single-component, water-based, solvent-free and with very low volatile organic compound emissions, safeguards the health of both operators and the environment.

Slc® Eco D 98 is very quick to set, guaranteeing high levels of safety when laying wood mosaic, industrial hardwood floors, thin strip of stable wood varieties on absorbent substrates.

GREENBUILDING RATING®

eco5	Regional Mineral ≥ 30 %	Low Emission IAQ VOC Indoor Air Quality	SLV REDUCED Solvent ≤ 5 g/kg	Low Ecological Impact	Health Care
	✓	✓	✓	✓	✓
	Natural mineral content 34%	Very low VOC emissions	Solvent-free	No environmental hazard rating	Non-toxic and non-hazardous

RATING SYSTEM ACCREDITED BY CERTIFICATION BODY SGS

PRODUCT STRENGTHS

- Extremely easy to spread and high thixotropy
- Rapid setting
- Suitable for heated substrates
- Specifically intended for mineral substrates

AREAS OF USE

Use
High-performance laying of wood floors made of stable wood varieties:
- mosaic
- industrial
- thin strip (lamparquet)
- wood block

Substrates:
- cementitious screeds produced with Keracem® Eco or Keracem® Eco Pronto
- heated substrates

Interior floors in residential and commercial buildings. Suitable for heated substrates.

Do not use
To lay engineered wood floors and solid wood floors made of nervous species (such as beech, maple, ash...). External or on substrates subject to moisture rising; on heated substrates that were not prepared properly, on anhydrite and non-absorbent substrates.

INSTRUCTIONS FOR USE

Preparation of substrates
Substrates must be compact, solid, level, not too rough. They must also be dimensionally stable, non-deformable, dry, clean and free of any rising moisture, cracks, dust and detaching substances. Substrates and environmental climate must comply with DIN 18356 (general technical specifications in construction contracts - laying of parquet flooring), and Ö-Norm B2218. Treat substrates as laid down in BEB technical data sheet. Cement-based screed or substrates consisting of marble, granite, ceramic or similar must have residual moisture at a maximum of 2% or 1.7%, in case of under floor heating. Cement-based screeds with dusty surface, flaky or weak parts must be treated with Primer A Eco. Absorbent, cement-based substrates with heating systems must be treated with Primer A Eco.
In general anhydrite substrates and substrates with heating systems cannot be waterproofed and/or levelled with cement-based and gypsum-based self-levelling products. Uneven or excessively rough substrates must be adjusted and/or levelled with suitable products such as Keralevel® Eco Ultra, Keratech® Eco R30, Keratech® Eco Flex. Read carefully the relevant technical data sheets before using the above listed products.

Slc® Eco D 98 Code: Slc116 2012/11 EN

KERAKOLL
The GreenBuilding Company

INSTRUCTIONS FOR USE

Preparation
The product is ready-to-use. mix before use.

Application
Apply evenly to the substrate using a suitable toothed spreader. TKB B3 for wood mosaic, coverage ≈ 600-700 g/m², TKB B6 for industrial hardwood and thin strip solid wood floors, coverage ≈ 800-1000 g/m², TKB B15 for solid strips with tongue-and-groove ends (l ≤ 40 cm), coverage ≈ 800-1000 g/m². Apply the adhesive to small areas at a time where the hardwood floors can be laid on the wet adhesive, pressing down hard enough to ensure full, even contact with the adhesive and making sure that none rises up between the strips. Leave ≈ 7 – 10 mm for expansion between the wood floor and the walls (or other vertical elements).

Cleaning
Remove residual traces of Slc® Eco D 98 from the surface while still wet using water. Clean equipment with water. Once cured, the adhesive can only be removed by mechanical means.

SPECIAL NOTES

allow the floor to reach room temperature in the place where it is to be laid.
The traditional hardwood floors strips to be laid must have a moisture content of 7 – 11%.
The hardwood floor strips to be laid must have a moisture content of 8% for pre-finished hardwood floors, and of 9% for traditional ones.
Before laying, measure the moisture content of the substrate using a calcium carbide hygrometer.
Before laying, measure the ambient temperature and that of the substrate, which must be higher than the minimum use temperature indicated in the technical data, and ambient temperature and humidity.
in addition to the above recommendations, follow the hardwood floors manufacturer's specific instructions.

TECHNICAL DATA COMPLIANT WITH KERAKOLL QUALITY STANDARD

Appearance	Paste colour oak/walnut
Pack	18 kg bucket
Shelf life	≈ 12 months in the original packaging
Warning	Protect from frost, avoid direct exposure to sunlight and sources of heat
Working temperature	≥ +10 °C
Open time	≈ 30 mins depending on the amount applied
Foot traffic	≈ 12 hrs
Waiting time before sanding	≈ 15 days (after full stabilisation of the hardwood floor)
Coverage	≈ 600-1000 g/m² (SLC spreader No. 2-4)

Values taken at +23 °C, 50% R.H. and no ventilation. Data may vary depending on specific conditions at the building site, i.e. temperature, ventilation and absorbency level of the substrate.

PERFORMANCE

VOC INDOOR AIR QUALITY (IAQ) - VOLATILE ORGANIC COMPOUND EMISSIONS		
Conformity	EC 1 GEV-Emicode	GEV certified 1686/11.01.02

WARNING

- **Product for professional use**
- abide by any standards and national regulations
- follow all applicable safety regulations and guidelines when using the product
- the temperature, ambient humidity, ventilation and absorption of the substrate and covering materials may vary the adhesive workability and setting times
- keep the room(s) well ventilated and use Slc® Eco Proman, a protective hand cream
- if necessary, ask for the safety data sheet
- for any other issues, contact the Kerakoll Worldwide Global Service - globalservice@kerakoll.com

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