

CORQUES LIQUID LINO

Declare.



COMPOSITION

Corques is a linoleum, made up of vegetable oil, linseed oil, wood and cork powder, limestone cork and other natural pigments. Corques is a liquid floor covering, resulting in a seamless lino floor.

APPLICATION

Corques is a strong, flexible seamless comfortable floor covering. Corques can be used as a floor covering in the education sector, medical sector, offices and museums.. In short: Corques is a perfect solution for floors where the owners and users place high demands on comfort, wear and impact resistance and hygiene. Corques is a seamless wall-to-wall solution.

APPEARANCE

Corques has a mixed appearance with a smooth smooth surface. Due to the natural character of Corques, slight color differences in appearance are possible. Corques has a matte finish. Corques becomes
Supplied in a wide variety of standard colours. Custom design colors to your special design needs are also possible.

PROPERTIES

Corques is wear-resistant and has high mechanical properties. Corques is tough-elastic and shows perfect resistance to the signs of use. After curing, Corques is resistant to a wide range of chemicals, acids, alkalis, resins, solvents and foodstuffs. Corques is seamless and liquid-tight. Most of the ingredients in Corques are renewable sources. Corques is free of plasticizers. Corques is easy to maintain. After many years of intensive use, Corques can be revitalized again against a

fraction of the original cost.

HARDNESS

Corques is walkable 24 hours after installation. The full chemical and mechanical properties are achieved after 7 days of curing at a minimum temperature of 15°C. Shore D 40

ENVIRONMENTAL ASPECTS

Corques is made from renewable raw materials and is free of ingredients from The Red List. Corques has a Declare RedListFree label. No hazardous materials are used. Corques is also EPD certified. Due to its natural ingredients, it has a positive effect on the climate.

Corques does not contain any dangerous dissolution products. Corques does not contain VOCs.

MAINTENANCE

Regularly de-dust and, if necessary, wet clean with a neutral detergent. For further instructions, see the maintenance advice.

INSTALLATION

The subfloor must be leveled with Cementitious SL Underlayment or Alpha SL Underlayment self-leveling leveling mass to obtain a flat and smooth surface.

All dust and loose parts must be completely removed from all surfaces before applying the product, preferably with a brush and/or industrial vacuum cleaner. Prior to the installation of the Corques, a suitable primer must be applied. During installation, the room temperature must be at least 15.5°C (62°F). The floor temperature must be at least 59°F (15°C) and at least 37 °F (3°C) above the dew point. The application is very labor-friendly as it comes in 15 kg (33 lbs) buckets. No welding, no cutting losses, no adhesives.

LAYER THICKNESS

2 to 2.5 mm

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CLASSIFICATION



CLASS 23 DOMESTIC HEAVY
Minimum thickness 2 mm



CLASS 34 COMMERCIAL VERY HEAVY
Minimum thickness 2 mm



CLASS 43 INDUSTRIAL HEAVY
Minimum thickness 2 mm

TECHNICAL DATA



RESISTANCE TO INDENTATION
EN ISO 24343-1 • 0.03mm • ASTM F-1914 • 0.001inch / 750 PSI



EFFECT OF A FURNITURE LEG
EN 424 • No damage • Static Load Limit: exceeds 1000 PSI when tested in accordance ASTM F-970-00



ABRASION RESISTANCE
ASTM D4060 -14 • CS17 • Wheels/10N/1500 cycles • 55 mg



ELECTRICAL BEHAVIOR
EN 1815 • < 2 kV



LIGHTFASTNESS
EN ISO 105-B02 • 7 - 8 • ASTM F-1515 • 7 - 8 (1-Severe change, 8-No change). Corques contains natural cork particles that could be impacted by UV light.



FLEXIBILITY
EN 435 • 20 mm, no cracking • ASTM F-137-08 • 0.79 inch, no cracking



RESISTANCE TO CHEMICALS
EN ISO 26987 • No changes • Passes in accordance with ASTM F-925 • No change



STAINING RESISTANCE
EN 423 • Category 1+2: level 5, Category 3: level 4/5



CIGARETTE RESISTANCE
EN 1399 • Proc A (stubbed out) ≥ level 4 • Proc B (burning) ≥ level 3



THERMAL CONDUCTIVITY
EN ISO 12524 • 0.15 W/m.K, suitable for underfloor heating • ASTM C-518-17 • 0.15 W/m.K



ACCOUSTICAL IMPACT NOISE REDUCTION
EN ISO 12524 • ASTM E-2179 03 • Δ Lw = 8dB Corques • 15dB Corques Comfort



THICKNESS SWELLING
EN 13329 • < 0.8%



WATER TIGHTNESS
EN 13553 • Watertight



SUITABILITY FOR USE IN INCIDENTAL HUMID CONDITIONS
EN 426 • Suitable



CE NUMBER
15 • DoP08CORQ017 • EN 13813:2002



CORQUES LIQUID LINO
Contains recycled content



REACTION TO FIRE EN 13501-1 • Bfl-S1 • Class 1 when tested in accordance with ASTM E-648 Critical Radiant Flux • Meets 450 or less, when tested in accordance with ASTM 662/ NFPA 258 Smoke Density



CASTOR CHAIR CONTINUOUS USE EN 425 • 25,000 • Slight change in appearance • no delamination • ASTM D-6962 • 25,000 • slight change • no delamination



SLIP RESISTANCE DIN 51130 • R9 standard / R11 upon request • EN 13893 • DS: ≥ 0,30 • Meets or exceeds the industry recommendation of >0.5 for flat surfaces when tested in accordance with ASTM D-2047

* However the ASTM F-2034 and the ASTM F-2195 are designed for sheeted or tiled linoleum Corques Liquid Lino fulfills or exceeds all technical requirements mentioned in these ASTM normatives.



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