

Corques Liquid Lino (CLL)

Specification Document and Safety Data Information



Composition

Corques is a linoleum, build from vegetable oil, linseed oil, wood and cork powder, limestone cork and other natural pigments. Corques is a liquid applied floorcovering which results in a seamless lino floor.

Application

Corques is a tough, flexible seamless comfortable floor covering. Corques can be used as a seamless decorative floor covering in the education sector, medical sector, offices, museums, but is also suitable for domestic surfaces. In short Corques is a perfect solution for floors where the owners and users have a high demand on comfort, wear and impact resistance and hygiene. Corques is a seamless solution from wall to wall.

Appearance

Corques has a mingled physical appearance with a smooth level surface. Due to the natural character of Corques are slight color variations in the appearance possible. Corques is topped with a silk gloss or a mat finish. Corques comes in a wide variety of standard colors, custom design colors to suit your special design requirements are also possible.

Properties

Corques is wear resistant and shows high

mechanical properties. Corques is tough-elastic and shows a perfect resistance to the signs of use. After cure through Corques is resistant to a wide range of chemicals, acids, leys, resins, solvents and foodstuff. Corques is seamless and liquid tight. The majority of the ingredients in Corques are renewable resources. Corques is free of plasticizers. Corques is easy maintainable. After many years of intensive use Corques can be retopped at a fraction of the initial costs.

Properties:

Density	0,96kg/dm ³
Compressive Strength	Appr. 20N/ mm ²
Adhesion strength	> 3N/mm ²
Tensile strength	Approx. 14 N/mm ²
Elongation at break	Approx. 130%
Binder	Biopolymer, Linseed oil
Fire rating	B _{fl} - S1 (EN 13501-1)
Color	Collection of standard 54 colors
Hardness	Approx. 45 Shore D
Thermal insolation	0,027 m ² x K/W
Underfloor heating	Possible

- Chemical resistant
- Highly stain resistant
- Color stable
- Noise reducing
- Liquid tight
- Impact and indent resistant. High recovery
- Wide variety of colors
- Design appearance
- Durable
- Sustainable
- Easy maintenance
- Based on renewable resources
- Free of chlorine and PVC
- Free of plasticizers
- Phatalate Free
- Odor free
- Antimicrobial

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- Skid resistant version available
- Revitalisable
- Self-leveling surface
- Stays flexible over time
- No cutting losses
- No adhesives required

Layer thickness

2 to 4mm.

Cure Trough

Corques is walkable 24 hours after the installation. The complete chemical and mechanical properties will be achieved after 7 days of curing at a minimum temperature of 15°C.

Environmental aspects and Safety

Corques is made with renewable resources and is free of the Red List ingredients. Based on Eurofins indoor air test Corques complies with many ecolabels such as:

- Blue Angel (Germany)
- AgBB (Germany)
- Californian CDPH Standard Practice, also called Section 1350, often used for LEED IEQ specifications
- Cradle to Cradle
- DIM / DICL (Construction products, Denmark)
- FloorScore (resilient floorings, USA)
- European "Flower" ecolabel
- Green Label by CRI (Carpets, adhesives, cleaners, USA)
- Green Tag label (Australia, New Zealand, South Africa)
- GUT (Carpets, Germany/Europe)
- Indoor Advantage by SCS (USA)
- M1 (Construction products, Finland)
- Natureplus (Sustainable construction products, Germany/Europe)
- Nordic Swan (Scandinavia)
- SINTEF (construction products, Norway)
- Swedish "byggvarudeklaration" (Construction products, Sweden)
- Umweltzeichen (Austria)

Corques does not contain hazardous decomposition products. Corques does not contain VOC's.

Maintenance

Regular removal of dust and if necessary wet cleaning with a neutral cleaning agent. For further instructions see the maintenance instruction guide.

Installation

The concrete or screed subfloor has to be primed and levelled with a self levelling smoothing compound to obtain a flat and levelled surface. Uneven surfaces have to be leveled by e.g. diamond grinding prior to the levelling compound.

All dust and loose parts have to be fully removed from all surfaces before the product is applied, preferably using a brush and/or industrial vacuum cleaner. Prior to the installation of the Corques a suitable primer needs to be applied. Under strict circumstances Corques can be installed on top of an existing linoleum or pvc floor. During the installation the room temperature needs to be at least 62 °F. The floor temperature need to be at least 59 °F and minimum 3 °F above the dew point.

The application is very labourfriendly since it comes in 33 lbs buckets. No welding, no cutting losses, no adhesives.



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