

Corques Liquid Lino (CLL)

Specification Document and Safety Data Information



Composition

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

Application

CLL is a tough, flexible seamless comfortable floor covering. CLL 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 CLL is a perfect solution for floors where the owners and users have a high demand on comfort, wear and impact resistance and hygiene. CLL is a seamless solution from wall to wall.

Appearance

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

Properties

CLL is wear resistant and shows high mechanical properties. CLL is tough-elastic and shows a

perfect resistance to the signs of use. After cure through CLL is resistant to a wide range of chemicals, acids, leys, resins, solvents and foodstuff. CLL is seamless and liquid tight.

The majority of the ingredients in CLL are renewable resources. CLL is free of plasticizers. CLL is easy maintainable. After many years of intensive use CLL can be re-topped at a fraction of the initial costs.

Corques

Properties:

Density	0,96kg/dm³
Compressive Strength	Appr. 20N/ mm²
Adhesion strength	> 3N/mm²
Tensile strength	Approx. 14 N/mm²
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 m² 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
- Skid resistant version available

InstaFloor

Email: sales@instafloorna.com
 Website: www.instafloorna.com

D2018002 10-08-2018



- Revitalisable
- Self-leveling surface
- Stays flexible over time
- No cutting losses
- No adhesives required

Layer thickness

2 to 4mm.

Cure Trough

CLL 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

CLL is made with renewable resources and is free of the Red List ingredients. Based on Eurofins indoor air test CLL 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 (constructopn products, Norway)
- Swedish "byggvarudeklaration" (Construction products, Sweden)
- Umweltzeichen (Austria)



CLL does not contain hazardous decomposition products. CLL 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 CLL a suitable primer needs to be applied. Under strict circumstances CLL can be installed on top of an existing VCT. 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 labour friendly since it comes in 33 lbs buckets. No welding, no cutting losses, no adhesives.



Corques

InstaFloor

Email: sales@instafloorna.com
Website: www.instafloorna.com

D2018002 10-08-2018