

1. PERFORMANCE ATTRIBUTES

Cork flooring for house interior based on cork, natural, comfortable, ecological, sustainable, durable, easy and quick installation, ideal for decoration and renovation of spaces where comfort is important, reduction and absorption of impact noise, such as living rooms, bedrooms, libraries, physiotherapy rooms and other spaces for a comfortable and balanced environment.



- Comfortable for walking, quiet, pleasant to the touch and environmentally friendly product;
- Product that combines comfort and resilience of cork with the flexibility and resistance of rubber;
- Ideal for simultaneous combination of thermal and acoustic insulation (reducing the impact and noise);
- Durable and resistant;;
- Resilient and flexible;
- Anti-static;
- Resistant to the growth of bacteria and fungus;
- Adhesives and finishing products used in the manufacturing of cork floors are formaldehyde –free and Volatile Organic Compounds (VOC) emissions are not detectable;
- Quick and easy installation, ideal for renovation of spaces due to its low thickness;
- Several decors available;

2. TECHNICAL SPECIFICATIONS

Level of use	Standard	Unit	
Domestic	EN ISO 10874	Class	23  (a)
Commercial			31  (b)

General Properties (EN 12104)

Roll width	EN ISO 24342	mm	1400 (other widths under request)
Roll Length	EN ISO 24342	m	≥ 5,5 (other lengths under request)
Thickness	EN ISO 24346	mm	3 ± 0,3
Mass per unit area	EN 430	g/m ²	1650 ± 150
Apparent Density	EN 672	Kg/m ³	500 ± 50
Dimensional Stability	ISO 23999	%	< 0,2
Moisture content	EN 12105	%	2,5 – 6
Curling	EN ISO 23999	mm	≤ 6
Flexibility	EN ISO 24344	mm	Ø10
Hardness	ISO 7619	Shore A	60

Safety Properties (EN 14041)

Reaction to fire	EN 13501-1	Class	C _f s ₁ (sanded/without varnish)
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Formaldehyde Emission	DIN EN 717-1	Class	E1 (no added formaldehyde)
Static Electrical Charge	EN 1815	Kv	Antistatic
PCP Content	CEN TR 14823 (ihd-W 409)	mg/kg	PCP free
Supplementary Properties			
Impact sound reduction	ISO 10140-3	dB	17
Residual indentation	EN ISO 24343-1	mm	≤0,30
Thermal Resistance	EN 12667	m ² .k/W	0,0413 ^(c)
Thermal Conductivity	EN 12667	W/m.K	0,0703
Light fastness	ISO 105-B02	Scale	<4 Colorless natural colors >6 Dark colors

(a) On-site finishing with 1-2 coats of Bona Traffic HD

(b) On-site finishing with 2-3 coats of Bona Traffic HD

(c) Suitable for floor heating systems according to German Federal Association Radiant Panel Heating

Note: technical specifications may be changed without previous notice

3. APPLICATION

The rolls and the adhesive must be acclimated on-site in its original packaging (location must be dry and well ventilated). Store rolls vertically on-site 48 hours prior to installation so that the flooring can adapt to environment conditions.

During storage and installation, maintain temperature and R.H. at a level similar to the conditions which will prevail when the building is in service, in most cases, this means keeping the temperature range of 15 ° C to 25 ° C (59 ° F to 77 F) and R.H. at range of 45% to 65%.

- 1- Before installation, please inspect the rolls in daylight for any visible damage or defect;
- 2-Make sure the subfloor is well leveled, otherwise, proceed to levelling;
- 3-Thoroughly clean the surface, it must be even, clean and free of oil, grease, wax, soil, asphalt, curing compounds, latex, plaster, dust, paint, or any contaminant which could impair the adhesion;
- 4-Identify previously the best way to start the placement of the roll, to avoid amendments of the rolls in higher traffic areas, particularly along the doors; all strips must always be installed on the same direction from the first one;
- 5-Extend the rolls on the subfloor, for a few minutes to recover its flat shape;
- 6-With a pencil mark the roll over identifying the seam with the second roll;
- 7-Fold the roll about itself lifting it by the end until midway through;
- 8-Apply the adhesive (eg WAKOL D 3360 Versatack or Mapei Adesilex G19, according to subfloor type) with a spatula and then spread with a short nap roller, leaving 5cm away from the mark made;
- 9-Let the adhesive dry (± 20 min) until becomes "sticky";
- 10-Extend the part of the roll raised on the subfloor, now with the adhesive on;
- 11-Slide the hands from the beginning of the bend to the end of the roll to remove any air bubbles / imperfection that can appear during bonding. Remove any excess glue with a damp cloth.
- 12-Repeat the steps 7,8,9,10 and 11 for the other half of the roll;
- 13-Cut the excess using a ruler and X-act against the walls;
- 14-Put alongside the second roll to glue, all strips must always be installed on the same direction from the first one;
- 15-Fold the second roll about itself lifting it by the end until midway through;
- 16-Apply adhesive with a brush under the first roll to 5 cm that has no glue, dragging about 5 cm from the first roll so that during the application of adhesive not risk of soiling with adhesive the first floor roll;
- 17 -Repeat steps 8,9,10,11,12 and 13;
- 18 -Repeat the procedure for the other rolls to be installed;
- 19-Clear the resulting waste of installation and clean the floor;
- 20-24 hours later apply the appropriate finishing.

4. FINISHING SPECIFICATION

A water-based finish coating should be applied 24 hours after floor installation to provide resistance to the floor and seal the joints. Apply on-site 200-250g /m² of varnish on 2 or 3 coats depending on the desired wear resistance and use level. Following the recommendations of varnish supplier.

Recommended varnish: Bona Traffic HD (<https://www.bona.com/Professional/BonaSystem/Coatings/Finishes/Traffic-HD/>)