



Expand Horizons with

CORK

by co•flora

What do we have?



- ★ A bark of tree that grows back
- ★ A substance that is fire resistant
- ★ A layer of tree that is water repellant
- ★ A thin shit that lasts long
- ★ A material that can be acoustic
- ★ A piece of wood that takes many forms

Quercus suber L.

One of a kind
Biological value
Outstanding
Soils
Biodiversity
Desertification
Local communities
/artisans





Planet has a limit,
Cork - not...

What can be made?



Wall panels



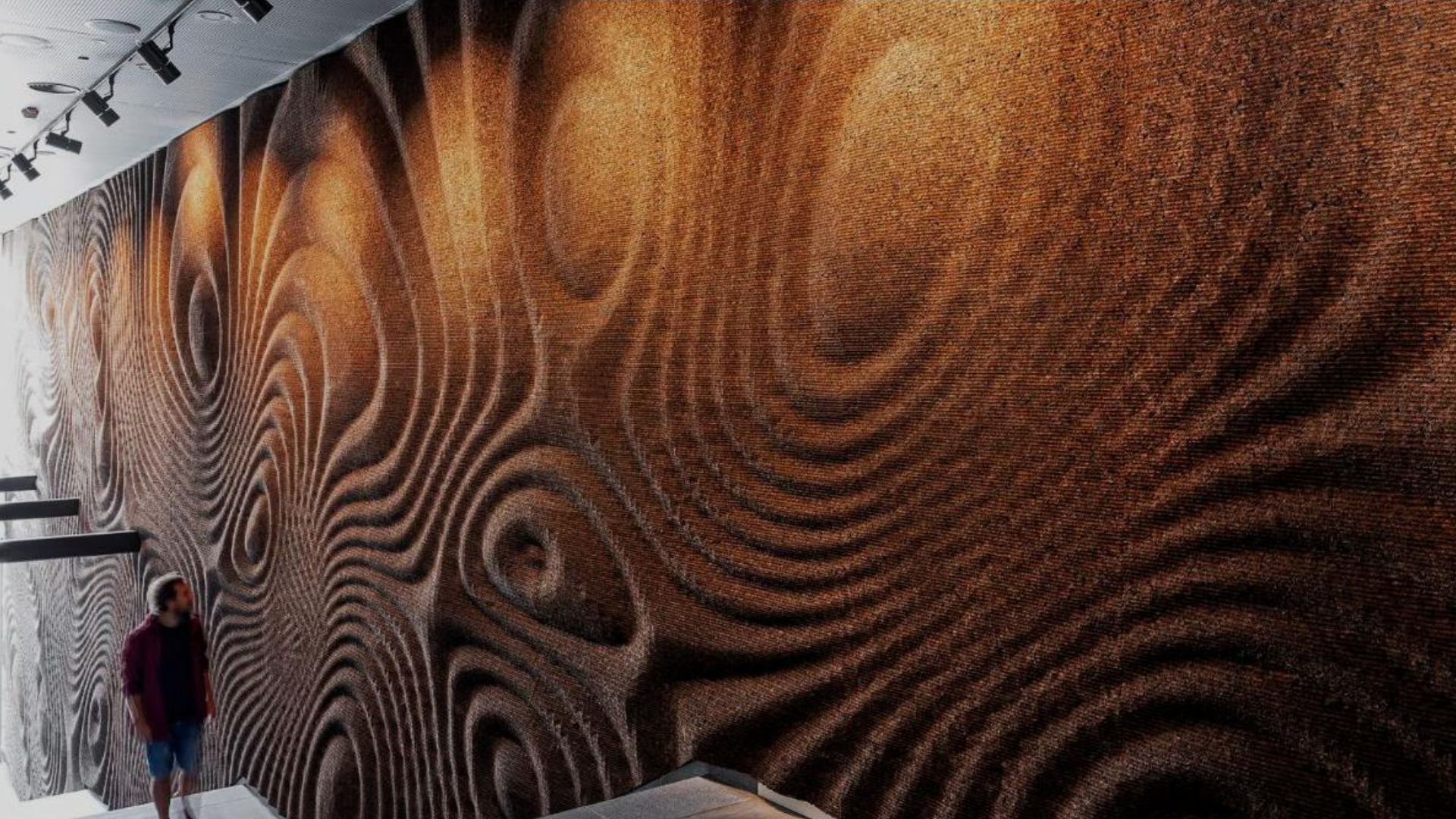
**Chunks of cork bark pieces
+
Heat**

Applications:

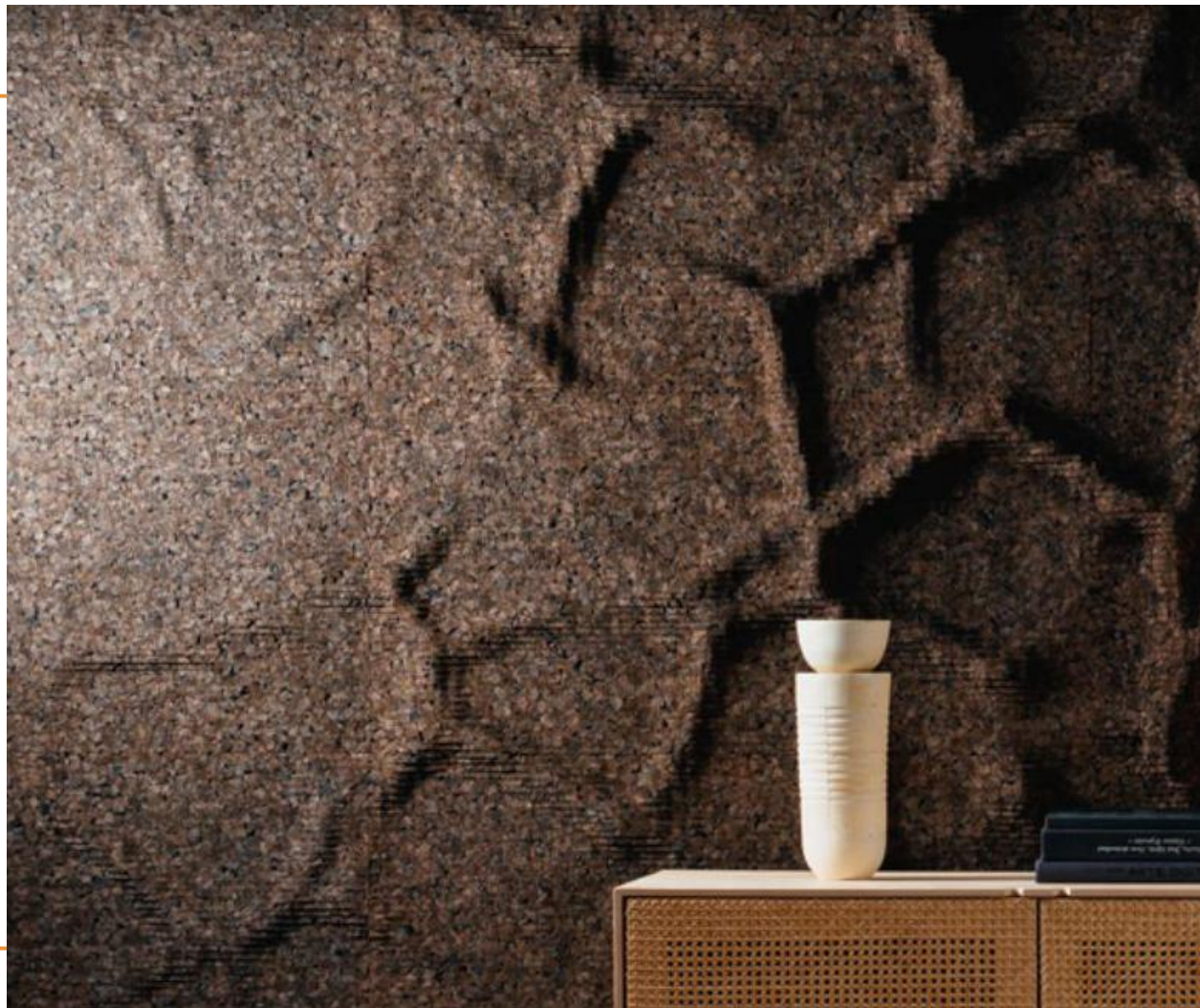
**Interior decor
Acoustic solution
Outside building layers**

**Available in design or plain
6-8 weeks production*

Price 40-390€ /m2



**Choose
existing
design,
2D, 3D,
plain...**





...add some
plants
or moss

Or make your
Own design

Thermal Insulation solution both indoors and outdoors

R, m² k/W

K, W/m² K)

Thickness	R	K
40mm	1,000	1,000
50mm	1,250	0,800
60mm	1,500	0,667
80mm	2,000	0,500

Density

Thermal conductivity

Thermal diffusion

Flexural rapture strength

Usage temperature

Dimensions

Thickness

Fire class

Fire class - ETICS

Certification

from 100 to 120 Kg/m³

0,040 W/mk

$1,4 \times 10^{-7} / 1,9 \times 10^{-7}$ m²/s

from 1,4 to 2,0 Kg/cm²

from -180°C to +120°C

1000x500mm

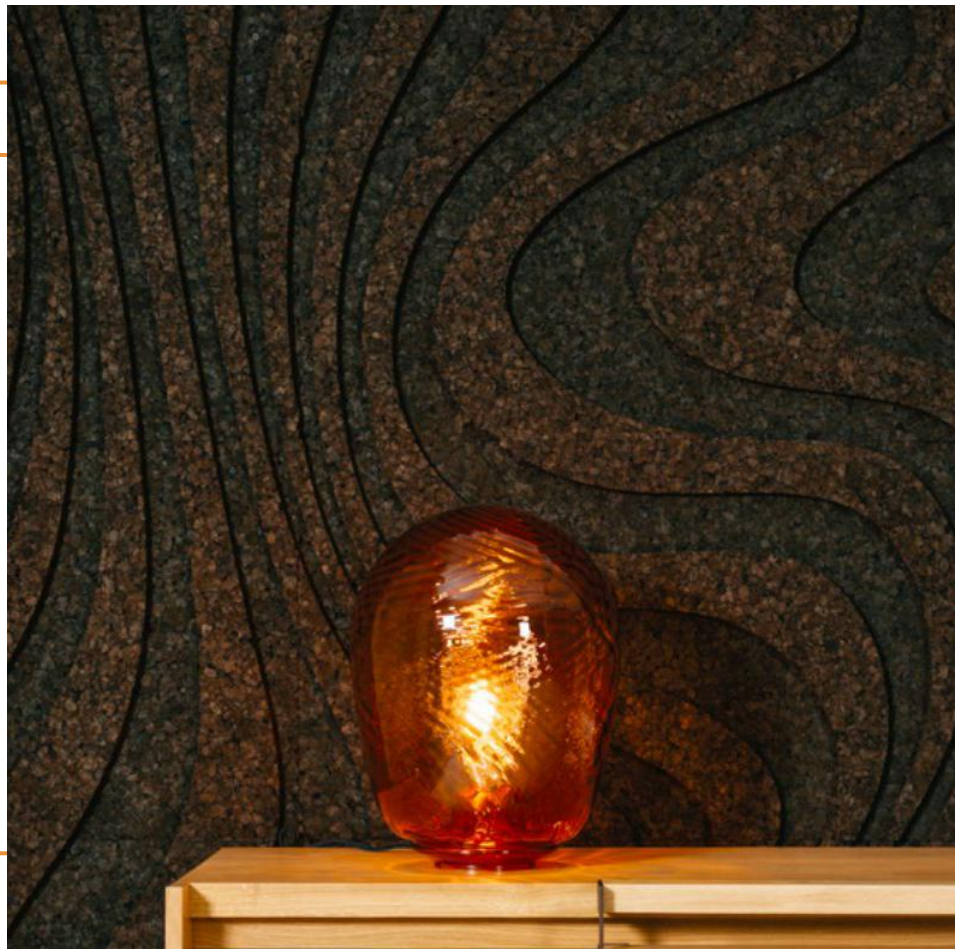
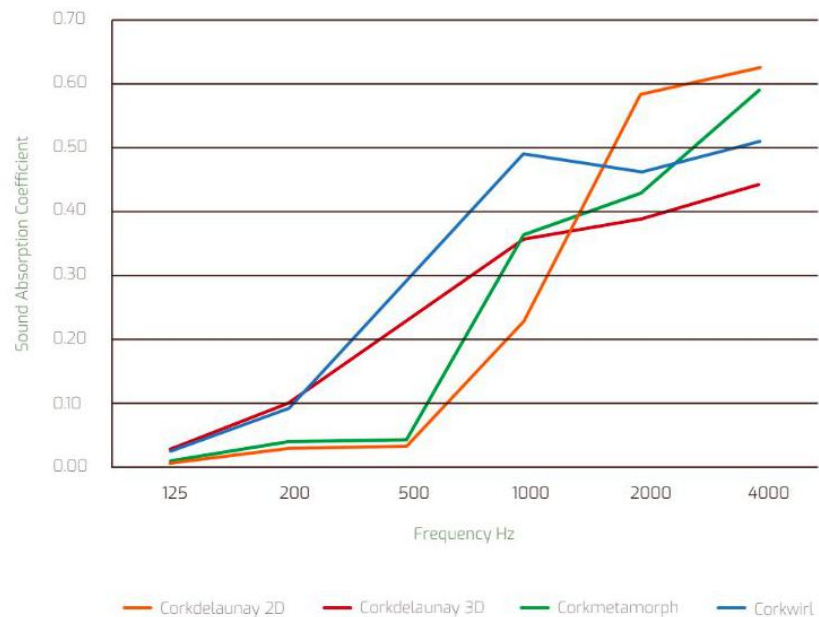
from 10mm to 300mm

Euroclasse E

B-s1,d0

CE EN13170, COV A+, DAP HABITAT

Acoustic insulation



Lighting



Furniture





Cork Fabrics / Biobased Leather



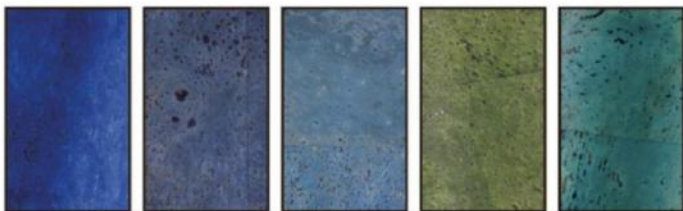
Water-repellant
Non-hazardous, Chemical free
Light, Soft to touch
Scratch / Stain resistant
100% organic
Durable





Possible uses:





REF. 100 ROYAL BLUE

REF. 100 JEANS

REF. 100 BLUE GREEN

REF. 100 GREEN

REF. 100 EMERALD



REF. 100 RED

REF. 100 PINK

REF. 100 BURGUNDY

REF. 100 ORANGE

REF. 100 COGNAC



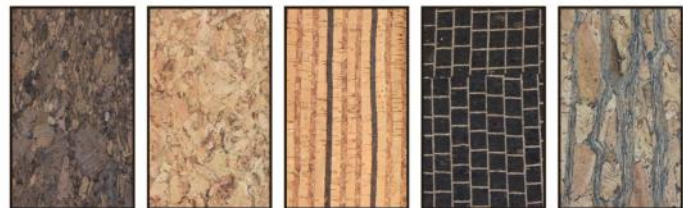
REF. 400

REF. 700

REF. 800

REF. 1200

REF. 1800



REF. 1800G

REF. 1800GSQ

REF. 1900

REF. 2800

REF. 2900

Colours & Patterns



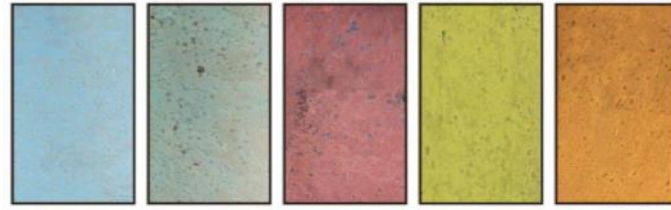
REF. 100 COPPER

REF. 100 DARK CINNABON

REF. 100 CHOCOLATE BROWN

REF. 100 DARK BROWN

REF. 100 BLACK



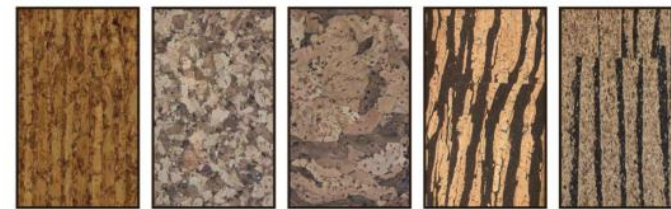
REF. 100 SKY BLUE

REF. 100 AQUA GREEN

REF. 100 PALE PINK

REF. 100 LEMON YELLOW

REF. 100 MUSTARD



REF. 3000

REF. 3200

REF. 3500

REF. 4000

REF. 4100



REF. 4200

REF. 4200P

REF. 4300

REF. 4400

REF. 4500



Spray Paint



Characteistics

Thermal resistant
Acoustic
Water resistant
Flexible

Various thickness
Colour range
Safe for babies
Antiallergic





Fire classification
Broof (t1), Fire index 4.3

Absorption 0.18qw
Thermal diffusivity 0.116×10^{-6}

Major Carbon Footprint Gamechanger

100s times less
C footprint!



10 mln tonnes C/yr
(x5 more)

Impact Product C footprint
Buildings C footprint
Better Energy labels
CSR, ESG, SDGs
Eco/Organic certifications



**Thank you
for visiting
the world of
Cork!**





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