

CORECORK[®]
by Amorim

***BRINGING NATURE
TO THE
COMPOSITES INDUSTRY..!***

STRUCTURAL CORE MATERIALS

NL 10. Cork special blend for composites. Density aprox. 120 kg/m3

NL 20. Cork special blend for composites. Density aprox. 200 kg/m3
Specially indicated for **Infusion** moulding methods like **RTM**

NL 25. Cork special blend for composites. Density aprox. 250 kg/m3

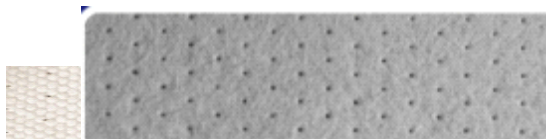
Special **NL 11 Fire Retardant.** Density aprox. 160 kg/m3.

● Best ● Good ● Not available

Material / Process	Wet/Hand Lay-up	Vacuum Bagging	Resin Infusion	RTM Resin Transfer Moulding	Prepregs Pre- impregnated	RFI Resin Film Infusion
NL-10	●	●	●	●	●	●
NL-20	●	●	●	●	●	●
NL-25	●	●	●	●	●	●

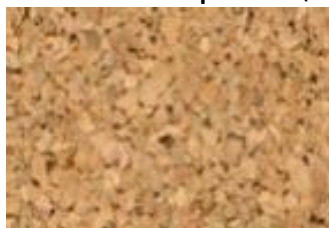
COMPARISON WITH OTHER CORES

Much lower resin absorption

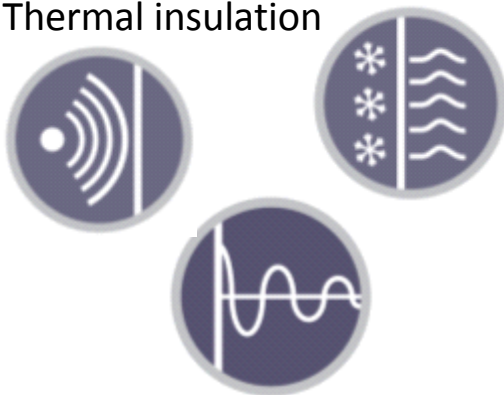


Coremat resin absorption (m²/mm): **560 gr**

CoreCork resin absorption (m²/mm): **170 - 270 gr**

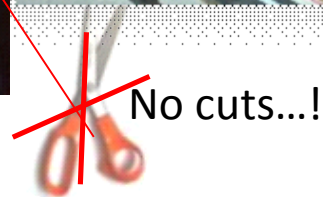
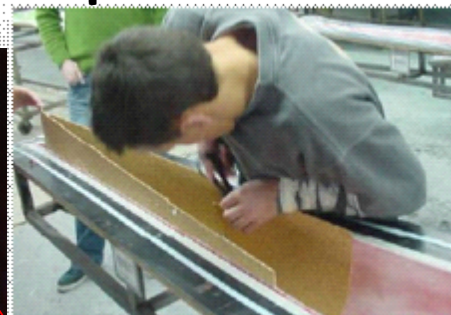
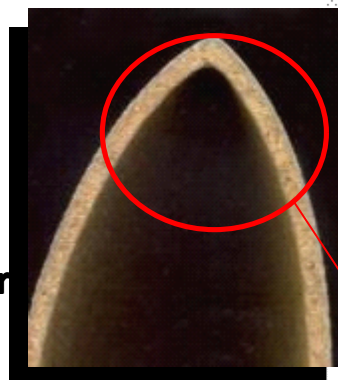


Sound isolation
Vibrations dampening
Thermal insulation



Withstands impact and
slamming loads!

Easy on complex surfaces



No cuts...!

• **Available in Rolls**

• **Any thickness on order**
From **1,0** to 200 mm



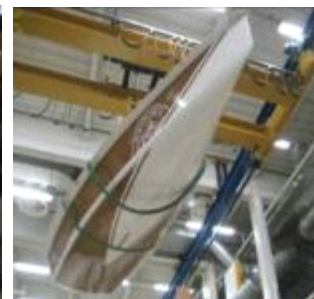
STATEMENT

“...Very interesting using the CoreCork as core because it confirmed that it is very easy to bend into the mould, the resin pass through very easily and very homogeneously. Very good the impregnation level we obtained under it.(...)”

We tested it last weekend and I've to say that your cork is working very well. We took more than 25 knots of wind speed with wave and we didn't have any kind of structural problem. It seems that it could have an effect in absorbing impact energy too.”

Prof. Andrea Ratti

Politecnico di Milano - Dip. INDACO

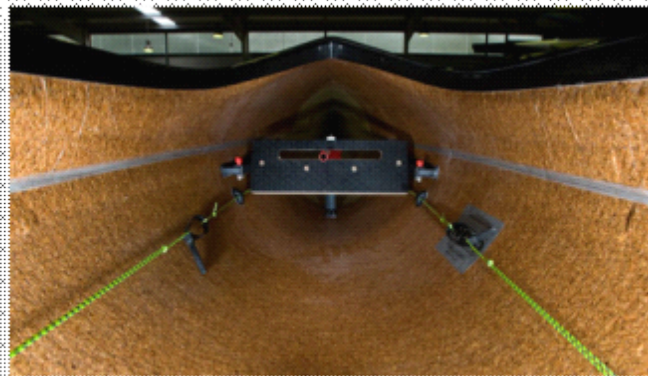


STATEMENT

“How about a ski made out of recyclable "green" material? How about a 12.5kg ski that costs about 30% less than the equivalent in carbon, but with comparable stiffness?

No, it's not April 1!”

<http://www.surfski.info/content/view/1079/38/>



ZAR 57 by *face* DESIGN

RESEARCH AND INNOVATION

The sandwich (epoxy Biresin CR83 • Face fibers • CoreCork) bears a higher load than the traditional sandwiches (Polyester resin • Fiber glass • PVC Core)

