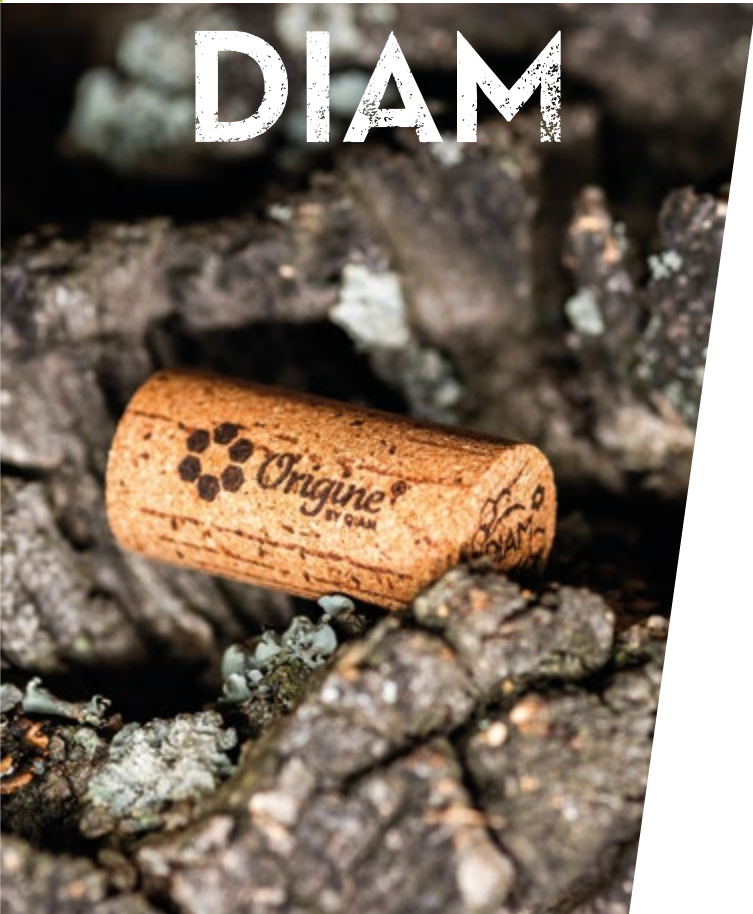




BIO-SOURCED RANGE

# ORIGINE BY DIAM



## EDITORIAL

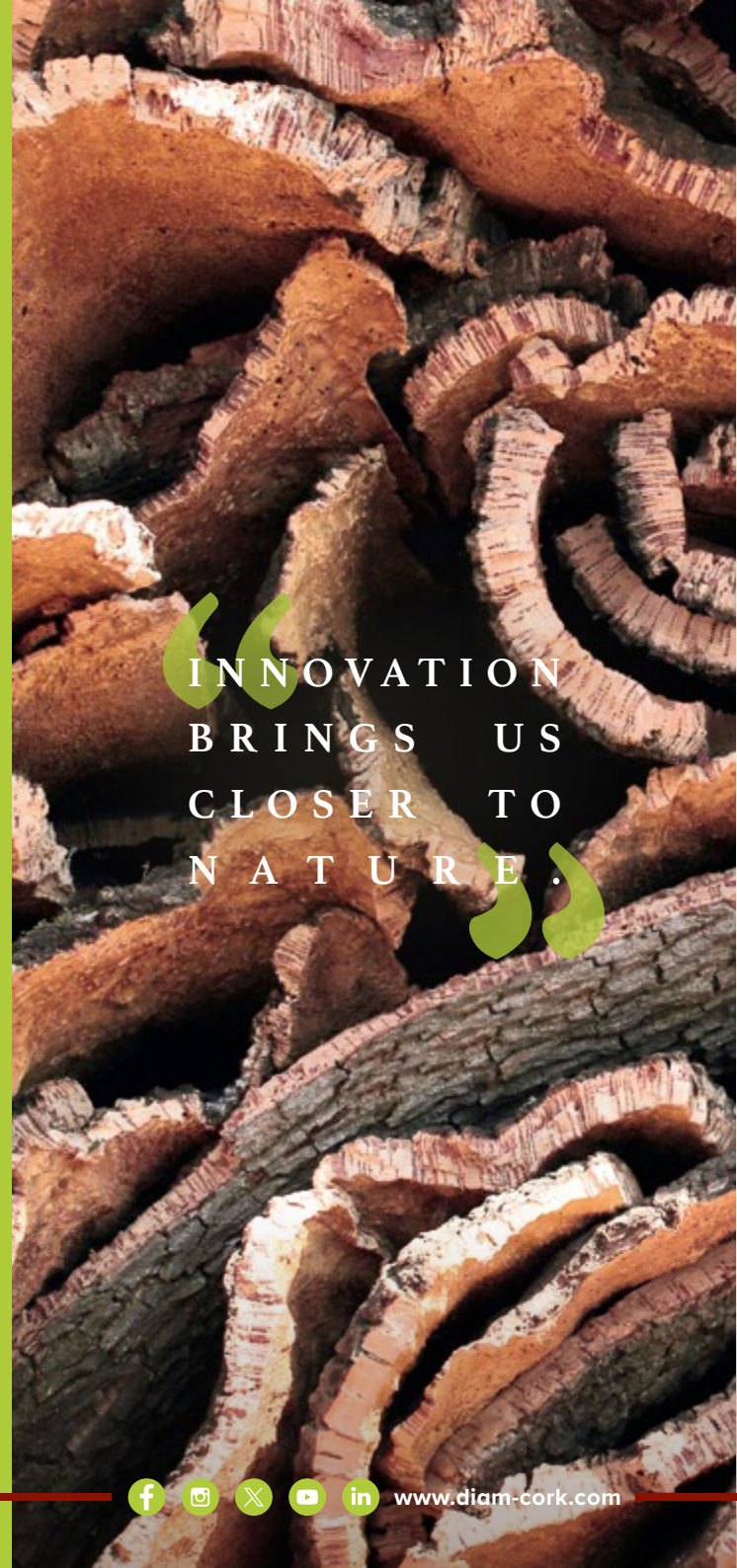
True technological advances have always been inspired by nature. The concept of Diam closures emerged from this idea: purifying cork through a natural process to eliminate the molecules that can affect a wine's taste. Today, the Origine by Diam® range offers the world of wine a cork solution that is more natural and respectful of our environment and our planet.

Origine by Diam® range is the culmination of the patient work of our R&D department. It combines the "fleur de liège" (suberin) with a binding agent composed of bio-sourced polyols and a beeswax emulsion. Tested and approved by several laboratories, this binding agent is a real technological breakthrough that combines mechanical efficiency with respect for the environment. Stable and water repellent, the beeswax emulsion protects the closures from capillary migration and makes it possible to control their mechanical characteristics. The structure of a Diam Origine closure offers over time the security and consistency you expect from a Diam and new levels of permeability.

From Diam 3 Origine to Diam 30 Origine, find all the Diam guarantees in our bio-sourced, eco-designed range committed to biodiversity and use it to promote your responsible and agroecological choices.



Diam Bouchage · Espace Tech Ulrich · 66400 Céret · France  
+33 (0)4 68 87 20 20 · contact@diam-cork.com



“INNOVATION  
BRINGS US  
CLOSER TO  
NATURE.”

# AN UNMATCHED CORK



## BIO-SOURCED TECHNOLOGICAL CLOSURE

made from cork and containing a beeswax emulsion.



## SENSORY SECURITY

DIAMANT® supercritical CO<sub>2</sub> process. No cork taint cork to cork guarantee.



## PERFECT CONSISTENCY

Controlled gas exchanges resulting in identical ageing from one bottle to the next.



## THE WINE'S FRESHNESS IS PROTECTED

Elimination of premature oxidation.



## FREE SO<sub>2</sub> CONSERVATION

due to controlled permeability.

## RESPECTING THE WINE'S AROMATIC PROFILE

Slow and regular development, identical for each bottle.



## AN ECO-FRIENDLY PRODUCT

Excellent environmental carbon footprint, sustainable raw materials. Certified OK bio-based<sup>(1)</sup>



## NATURALITY AS A RESEARCH FOCUS

for the continued improvement of our products and manufacturing process for the last 10 years.



## SUPPORTING BIO-DIVERSITY

Partners of the association "Un toit pour les abeilles" - A roof for bees.



## FRENCH COMPANY

Working with wine producers all around the world.



(1) Maximum rating for Bio-sourced products

## TECHNICAL SPECIFICATIONS (For more details, please ask for our detailed technical data sheets)

	PERMEABILITY	O <sub>2</sub> INITIAL RELEASE (mg)	OTR O <sub>2</sub> TRANSFER RATE (mg/year)	RELEASABLE TCA (ng/L) ("Cork taint")
	Low	1,1	0,3	<b>All our corks are guaranteed:</b> • 2,4,6-TCA • 2,3,4,6-TcCA • PCA • 2,4,6-TBA ≤ quantification limit.
	Low	1,1	0,3	
	Low	1,1	0,3	
	Medium	1,6	0,6	

	MECHANICAL GUARANTEE (at 20°C)	ELASTIC RECOVERY (N/cm <sup>2</sup> )	DIMENSIONAL RECOVERY (in 30 s)	EXTRACTION FORCE (daN)	AVAILABLE LENGTHS (mm)	CHAMFER (mm)
DIAM 30	30 years	≥ 3,2	≥ 97 %	20 - 40 25 - 45	44 / 47 49 / 54	1,0 ± 0,5
DIAM 10	10 years	> 2,8	≥ 97 %	20 - 40 25 - 45	44 / 47 / 49 54	1,0 ± 0,5
DIAM 5	5 years	> 2,5	≥ 97 %	20 - 40	44 / 47 / 49	1,0 / 2,0 ± 0,5
DIAM 3	3 years	> 2,2	≥ 95 %	20 - 40	44	1,0 ± 0,5

All our closures comply with food contact regulations (notably in Europe and the USA). The AQLs for each parameter are noted on the data sheets for each closure. These specifications are valid when the product is used in accordance with storage and bottling recommendations.

**We offer the following options for our entire range:**  
 French cork · FSC® cork · No chamfer · "tradition" branding · Laser branding

