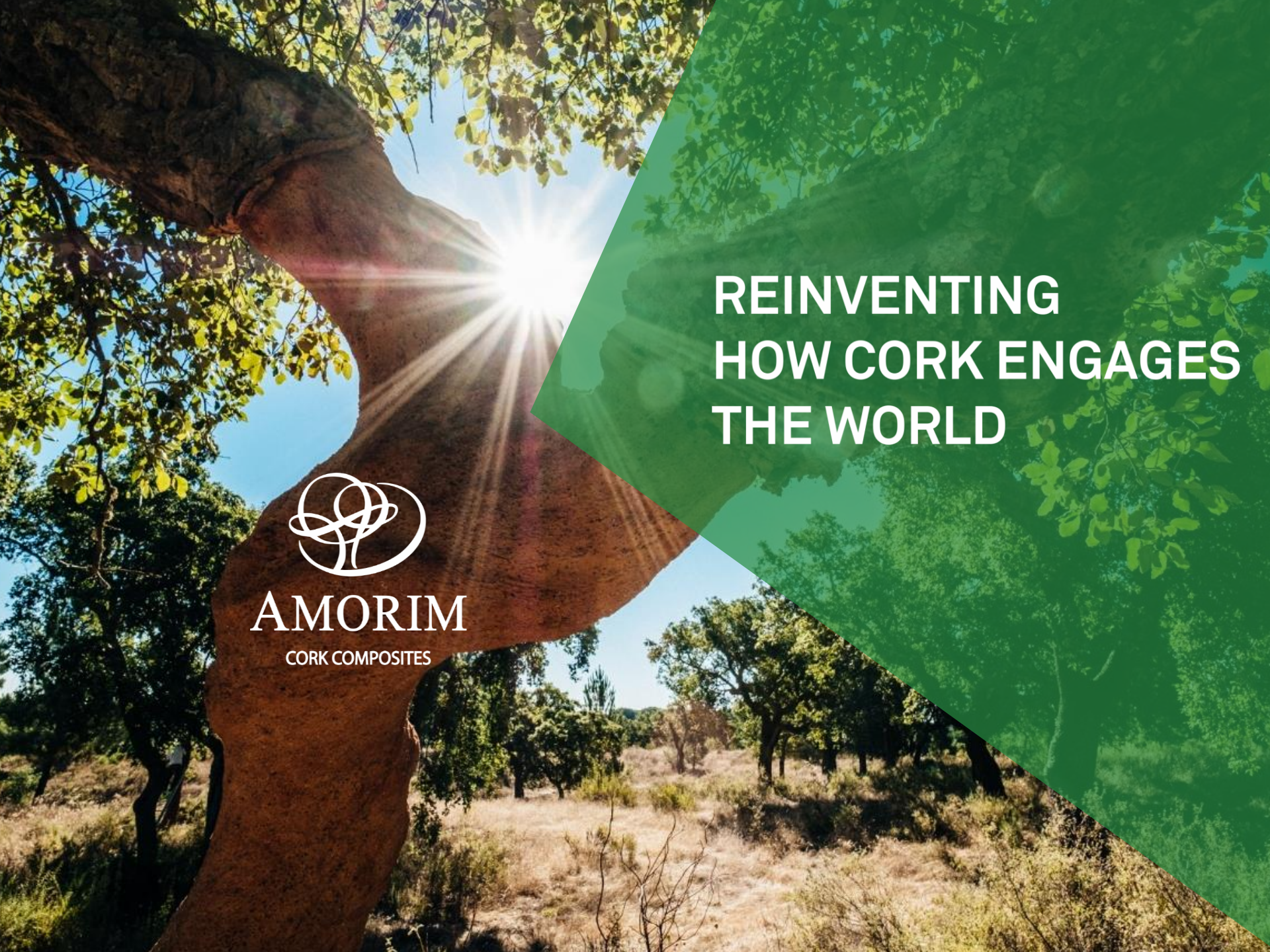
REINVENTING
HOW CORK ENGAGES
THE WORLD
AMORIM
CORK COMPOSITES

WHY CORK?

AMORIM
CORK COMPOSITES

THE CORK OAK TREE CAN LIVE UP TO 200 YEARS

THE BARK RENEWS ITSELF

BARK IS REMOVED EVERY 9 YEARS

Cork is the outer bark of the cork oak tree (Quercus Suber L.).

100% natural, reusable and recyclable, cork is one of the world's most versatile materials from an environmental, social and economic standpoint.

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QUALITIES OF THE CORK OAK TREE

AMORIM
CORK COMPOSITES

- Prevents soil degradation
- Makes soils more productive
- Regulates the water cycle
- Fights desertification
- Retains and stores carbon for very long periods of time
- Generates high rates of biodiversity
- Combats climate change

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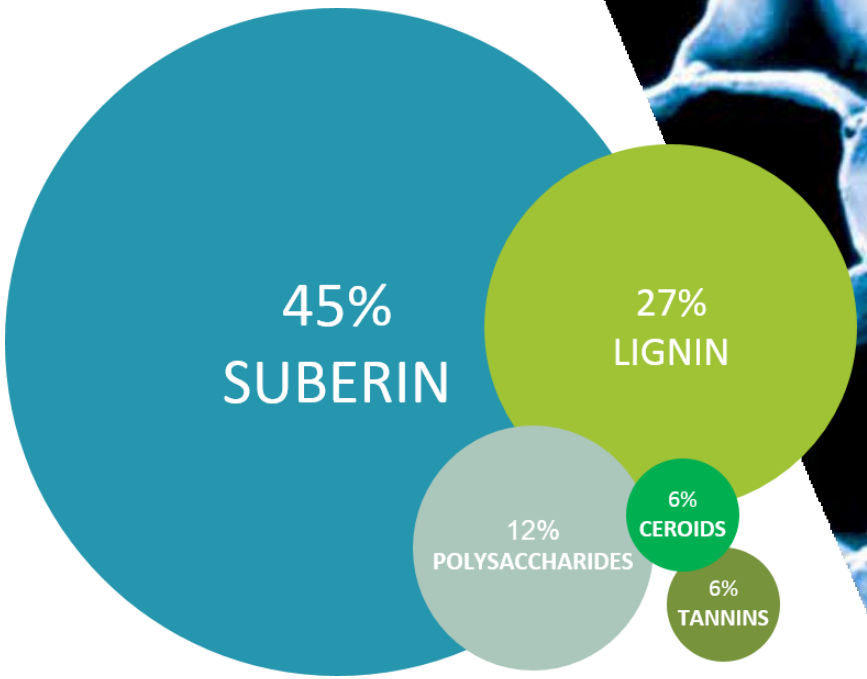
CHEMICAL COMPOSITION OF CORK



$C_{123}H_{182}O_{56}N$

The great secret of cork lies in the gas mixture similar to air that fills each cell and the percentage of suberin in the cell walls.
Suberin envelops the walls of each cell and blocks off the air giving cork its impermeability and many other features.
Each cubic centimeter of cork contains around 40 million cells which are laid out in rows perpendicular to the trunk of the cork oak.

Cork cell observed under the microscope.

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CORK
KEY CHARACTERISTICS

AMORIM
CORK COMPOSITES

100% NATURAL

REUSABLE AND RECYCLABLE

STABLE

LIGHT

- Excellent **acoustic insulation**
- Excellent **thermal insulation**
- **Impermeable** to liquids and gases
- Excellent **resistance to fire** and **high temperatures**
- High **friction resistance**
- **Hypoallergenic**
- Good **resilience**
- Extremely **light** and **buoyant**
- Excellent **elasticity** and **compressibility**
- **Soft touch**

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THE CORK INDUSTRY WORLD LEADER

AMORIM
CORK COMPOSITES

AMORIM

We belong to Corticeira Amorim, a pioneering and leading company in the cork industry since 1870 and one of Portugal's largest industrial groups.

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OUR MISSION

WE VALORIZE CORK,
designing sustainable composite solutions for multiple applications, exploring opportunities, characteristics and raw materials.

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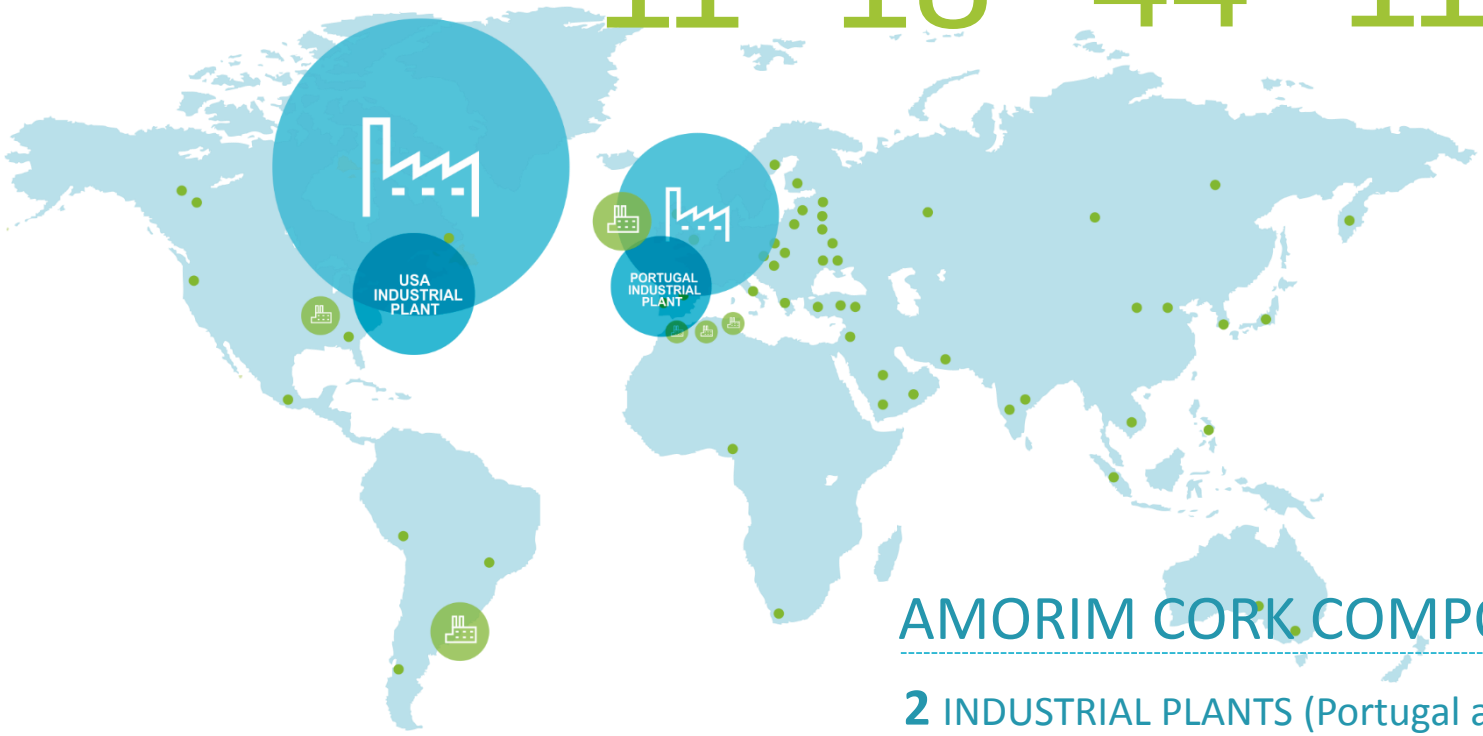
WORLDWIDE PRESENCE

AMORIM
CORK COMPOSITES

CORTICEIRA AMORIM

INDUSTRIAL PLANTS RAW-MATERIALS	INDUSTRIAL PLANTS CORK SOLUTIONS	DISTRIBUTION COMPANIES	JOINT-VENTURES	MAIN AGENTS
11	18	44	11	258



AMORIM CORK COMPOSITES

2 INDUSTRIAL PLANTS (Portugal and USA)

5 SALES COMPANIES AND **1** JOINT-VENTURE

SALES TO **90** COUNTRIES

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THE CORK INDUSTRY VALUE-CHAIN

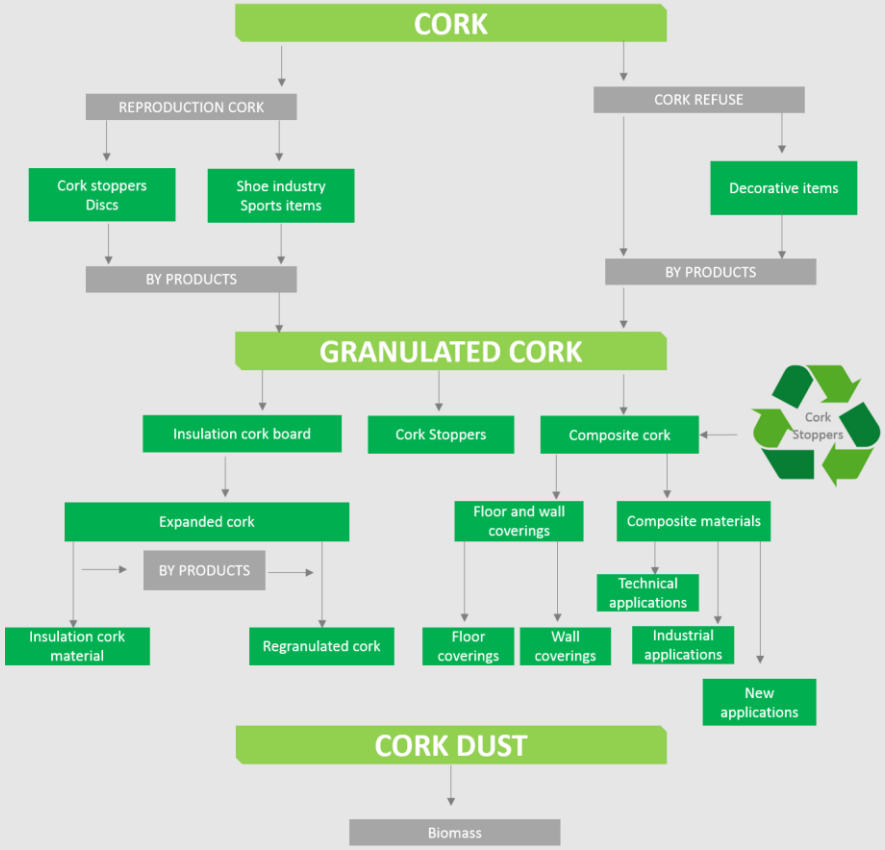
From natural to highly-demanding applications, cork is recycled at every step of the value chain.

Cork dust is used in electrical cogeneration, improving energy efficiency.

Over 60% of the company's energy needs are met by using biomass (cork dust), which is a CO2-neutral energy source.

AMORIM
CORK COMPOSITES

NOTHING IS WASTED AND EVERYTHING IS VALUED



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INNOVATION

AMORIM
CORK COMPOSITES

New products, new markets, new applications and leveraging the intrinsic characteristics of cork to their maximum represent the foundations for our future development. We have a continuous stream of various different R&D research projects that ensure the continued expansion of our core competences.

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CERTIFICATION

AMORIM
CORK COMPOSITES

FSC
www.fsc.org
FSC® C022338

The mark of responsible forestry

PEFC
PEFC/04-31-0507
Promoting Sustainable Forest Management
www.pefc.org

We have adopted sustainable development practices to an unprecedented extent in the cork industry.
We are certified both by the **Forest Stewardship Council®** chain of custody certification and certification issued by the **Programme for the Endorsement of Forest Certification Schemes**.

EMPRESA CERTIFICADA apcer ISO 9001 ISO 14001 OHSAS 18001

CERTIFIED IQNet MANAGEMENT SYSTEM

QUALITY ASSURANCE MANAGEMENT ISO 9001

We also hold a range of system management certificates, including NP EN ISO 9001 (Quality Management), OHSAS 18001 (Hygiene, Work and Safety Management System) and NP EN ISO 14001 (Environmental System Management).

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BUSINESS AREAS

AEROSPACE
PANELS AND COMPOSITES
AUTOMOTIVE
SEALS AND GASKETS
POWER INDUSTRY
CONSTRUCTION
SPORT SURFACES
FLOORING
CONSUMER GOODS
FURNISHING
FOOTWEAR

AMORIM
CORK COMPOSITES

BUSINESS AREAS

AMORIM
CORK COMPOSITES

AEROSPACE

Amorim Cork Composites has been manufacturing and supplying cork-based materials used in Thermal Protection Systems (TPS) by the Aerospace Industry since the beginning of the space age.

© NASA image gallery

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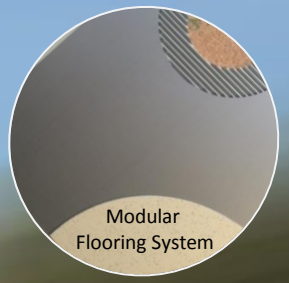
AMORIM
CORK COMPOSITES

PANELS AND COMPOSITES

Noise and thermal insulation, reduced environmental impact, light weight and durability are some of the advantages that cork brings to processing industries targeting mobility and modularity.

Sidewall Panel


Modular Flooring System

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AMORIM
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AUTOMOTIVE

Our products are used in powertrain applications, such as soft gasket sealing, but they are also present in non-powertrain damping and isolating solutions.

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BUSINESS AREAS

SEALS AND GASKETS

MULTIPURPOSE

We provide sealing solutions to numerous industries, giving a global advantage when it comes to designing sealing systems.

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BUSINESS AREAS

POWER INDUSTRY

T&D – TRANSMISSION & DISTRIBUTION

Our T&D products are performance-driven and renowned worldwide, with a long history in transformers, reactors, bushings and other components.

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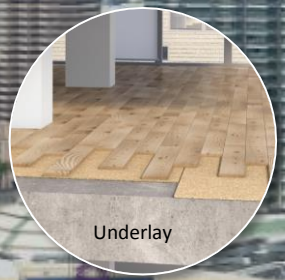
BUSINESS AREAS

AMORIM
CORK COMPOSITES

CONSTRUCTION

BUILDING CONSTRUCTION

A wide range of high-performance material solutions for acoustic and vibration control, thermal insulation, expansion joints to absorb expansions and contractions of different construction materials, and wall coverings for internal and external use.



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BUSINESS AREAS

CONSTRUCTION

RAILWAY

Engineering and production of material solutions to reduce vibrations in the infrastructure sector where urban, high-speed rail and underground trains are present.

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BUSINESS AREAS

AMORIM
CORK COMPOSITES

SPORT SURFACES

CORK INFILL

In infill systems for synthetic turf fields, cork is a natural solution when it comes to environmental protection, safety, performance and durability.

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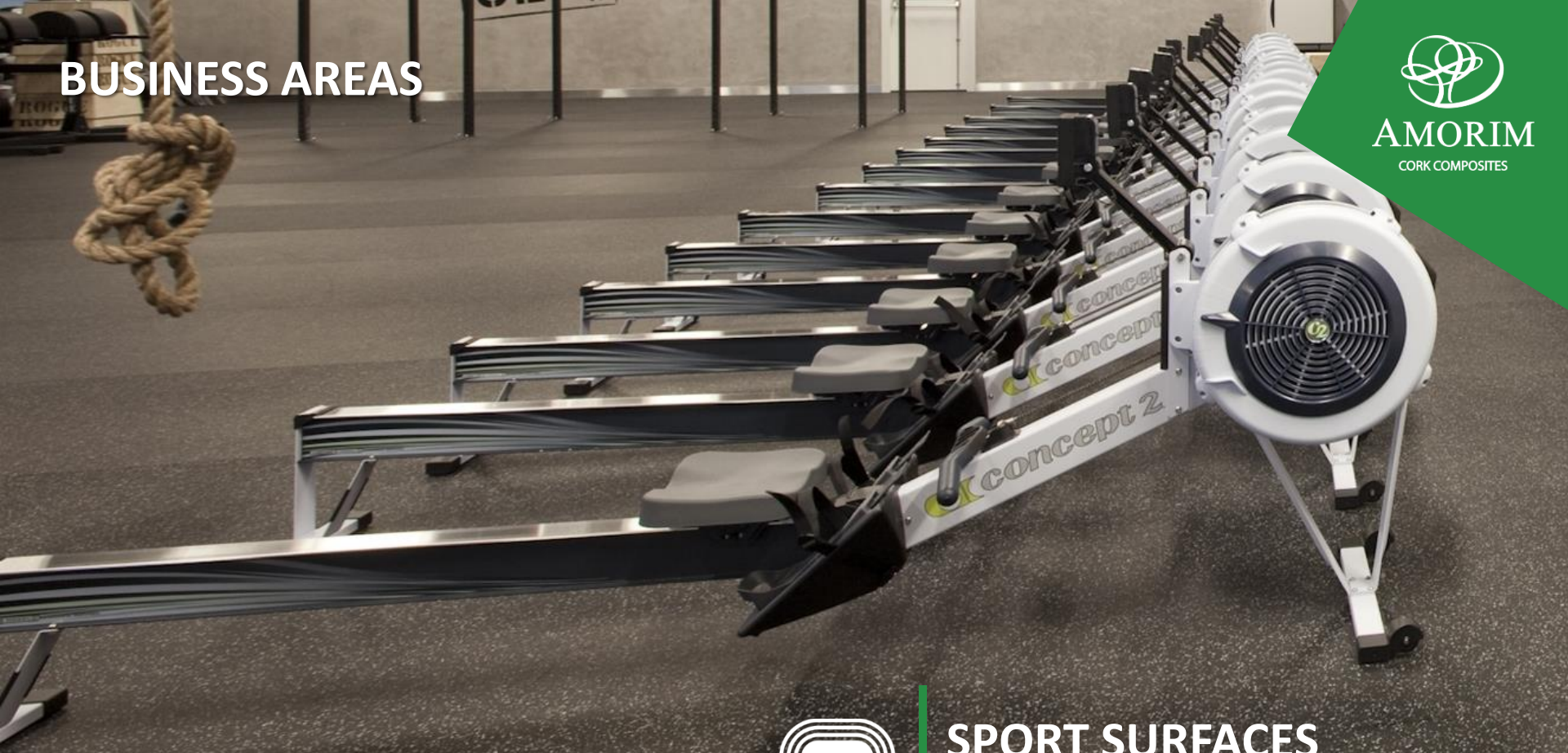
BUSINESS AREAS

AMORIM
CORK COMPOSITES



SPORT SURFACES

SPORTSFLOOR

Sportsfloor surfaces are manufactured through the combination of different elastomer combinations to achieve a unique level of flexibility, resistance to usage and impact absorption.

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BUSINESS AREAS

AMORIM
CORK COMPOSITES

nrtinside
noise reduction technology

FLOORING

ACCESSORIES AND COMPONENTS

Delivering unique thermal and acoustic solutions to the flooring industry, we develop resilient and eco-friendly components for all flooring layers, which contributes to environmental preservation.

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BUSINESS AREAS

AMORIM
CORK COMPOSITES

CONSUMER GOODS

HOME IMPROVEMENT - DIY

Natural, durable, decorative and sustainable products, which can be used as insulating materials, sound and thermal barriers on floors, walls and ceilings. Very easy to install.

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BUSINESS AREAS

CONSUMER GOODS

HOME AND OFFICE PRODUCTS

We use cork, an all-natural material that is both reusable and recyclable, to create products for everyday use at home or in the office, based on our own designs or supporting the development of ideas by other designers.

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BUSINESS AREAS

FURNISHING

The unique characteristics of cork open up a world of new solutions to the furniture industry. Cork allows us to perfectly meet its demand for innovative shapes based on versatile and resistant materials.

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BUSINESS AREAS

AMORIM
CORK COMPOSITES

FOOTWEAR

We develop and supply material solutions for the shoe manufacturing industry, reinventing comfort, orthotics and fashion.

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CASE STUDIES

HYDROCORK
IB TOWER
INSPIRO SIEMENS
REEBOK
SERPENTINE GALLERY PAVILLION
GARRET MCNAMARRA'S SURF BOARD
NELO KAYAKS
KNOLL
VITRA
WORLDWIDE FOOTWEAR BRANDS
BIRKENSTOCK
VEGA ROCKET - ESA

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CASE STUDIES

hydrocork

AMORIM
CORK COMPOSITES

nrtinside
noise reduction technology

HYDROCORK BY WICANDERS

The first waterproof cork-based flooring solution with NRT inside

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CASE STUDIES

AMORIM
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IB TOWER KUALA LUMPUR

Acousticork U90

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INSPIRO

AluCork modular flooring used in the state-of-the-art Siemens metro

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CASE STUDIES

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SPORTS FLOOR

Reebok Crossfit
USA

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CASE STUDIES

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SERPENTINE GALLERY PAVILLION

by architects Herzog & de Meuron and visual artist Ai Weiwei

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CASE STUDIES

AMORIM
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NAUTICAL SPORTS

Garrett McNamara’s Surfboard

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CASE STUDIES

AMORIM
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NELO® KAYAKS

High performance at the Olympic Games

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CASE STUDIES

AMORIM
CORK COMPOSITES

INTERIOR DESIGN SOLUTIONS

Beller collection, by the renowned brand KNOLL

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CASE STUDIES

AMORIM
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INTERIOR DESIGN SOLUTIONS

VITRA Cork Table
by Ronan & Erwan Bouroullec

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CASE STUDIES

AMORIM
CORK COMPOSITES

JIMMY CHOO

Christian Louboutin

FOOTWEAR

Worldwide footwear brands with cork components

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CASE STUDIES

AMORIM
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FOOTWEAR

BIRKENSTOCK
with Amorim's cork
since its earliest steps

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CASE STUDIES

AMORIM
CORK COMPOSITES

VEGA ROCKET

European Space Agency (ESA)

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AND WE'RE JUST STARTING…

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