about cork composites
Innovation, technology, future. Amorim Cork Composites is a world leader in cork composite materials. Incorporating cutting edge technology, the company researches and develops cork composites for some of the world’s most demanding industries.

Accurately combined, ACC’s different composites leverage cork’s unique properties, extending its use well beyond the current boundaries of this 100% natural material. Whether combining cork with rubber, carbon fiber, plastic or with foams, the portfolio of cork composites is made with the waste of other industries, a remarkable model of circular economy.

Cork

Cork is the outer bark of the cork oak tree – Quercus Suber L. – which has grown for millennia throughout the Mediterranean Region. The life span of these exceptional trees is between 200 and 350 years and it takes 25 years before a cork oak tree can be harvested for the first time. After the first harvesting, cork oaks are stripped in nine year cycles. Cork is the only oak species whose bark can regenerate after each harvest – leaving the tree unharmed.

Metamorphosis

is the result of a R&D process concerning the potential of cork. Leading architects – Alejandro Aravena, Elías Sánchez Arroyo, Amanda Levete, Carállo da Graça, Eduardo Souto Moura, Herzog & de Meuron, Manuel Aires Mateus – and three renowned product designers – James Irvine, Jasper Morrison and Naoto Fukasawa – joined the project.

Inspirio, the state-of-the-art Siemens metro

with an Alucork floor – an innovative solution, which contributes to weight savings of around 30%.

Composites

are a product of the 100% natural material cork and rubber, and the company’s R&D department.

100% Natural

Recyclable And Reusable
Lightweight
Compressible
Resilient
Shock Absorbent
Stable
Thermal Effective
Sound Insulator
Temperature Resistant
Moisture Proof
Flexible
Soft Touch
Warm Feeling

Consumer Goods

A portfolio that includes both home and office designed products, as well as collections made in partnership with talented designers, curated by relevant architecture and design institutions.

Construction

Efficiency, resilience and durability make cork the ideal material for the creation of technically demanding yet sustainable solutions – underlays, subfloors, walls, facades and acoustic control materials for construction and big infrastructures.

Automotive

The combination of cork with rubber allows the development of high-performance sealing solutions for the automotive industry.

Footwear

Applied in footwear, cork ensures better distribution of body weight, cushions impact, controls temperature and allows the foot to breathe.

Power Industry

The use of cork composite agglomerates makes it possible to extend the life of the components used in power plants and distribution networks.

Sports Surfaces

Cork is an option that brings the concept of "natural" back to synthetic turf systems. The use of cork components reduces pitch, temperature and water consumption and improves impact absorption providing comfort, safety, and performance.