



CARBOLYZ

Modular Pavement Engineering

Definitive Solutions for Industry, Workshops and Commercial Spaces

Catalogue 2026 | Extreme Durability without Civil Works

The enemy is 'Operational Downtime'

Traditional flooring presents a critical problem for the operational continuity of your business. We don't just sell flooring; we sell business continuity.

Lost Time

Traditional flooring (Epoxy, Concrete) requires days of drying and costly production stoppages.

Expensive Repairs

Repairs are costly and leave visible patches that detract from a professional image.

Fatigue and Breakages

Excessive hardness fatigues workers and breaks whatever falls to the floor, leading to losses.

Traditional Installation

Dust, odours, operational downtime, prolonged drying

CARBOLYZ Installation

Clean, swift, without interruptions, immediate use

High-Performance PVC Technical Flooring

Our modular system revolutionises industrial flooring installation with state-of-the-art technology.

1

Immediate Installation

No adhesives, no odours, no dust. Start working on the same day as installation.

2

Puzzle System

High-precision interlocking ensures stability and facilitates assembly without special tools.

3

Sustainable Material

100% Recyclable high-density PVC, committed to the environment without sacrificing performance.

PAGIO: Aesthetics and Functionality

STAR PRODUCT



Technical Specifications

- **Dimensions:** 50 x 50 cm
- **Thickness:** 7 mm
- **Finish:** Matt Anti-slip
- **Colours:** Intense Black (Elegance) and Technical Grey (Zoning)

Ideal Use

Mechanical Workshops, Private Garages, Commercial Gyms, Technical Offices

The PAGIO range combines professional design with practical functionality, ideal for spaces requiring aesthetics and performance in a manageable format.

PAJIC: The Industrial Shield

Giant Format

Designed to withstand the most extreme conditions of heavy industry and high-impact areas.



Dimensions

100 x 100 cm | Thickness: 20 mm (Armouring)



Durability

Withstands heavy machinery and high-impact drops without deforming



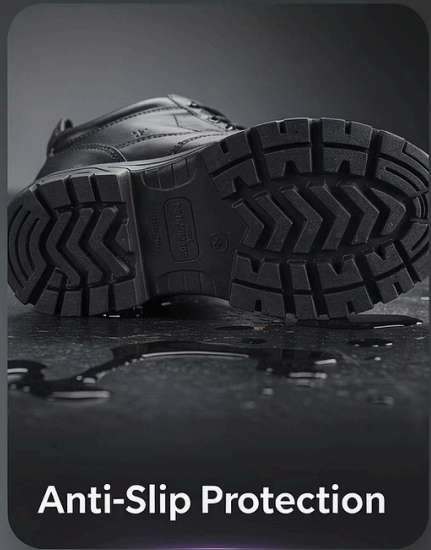
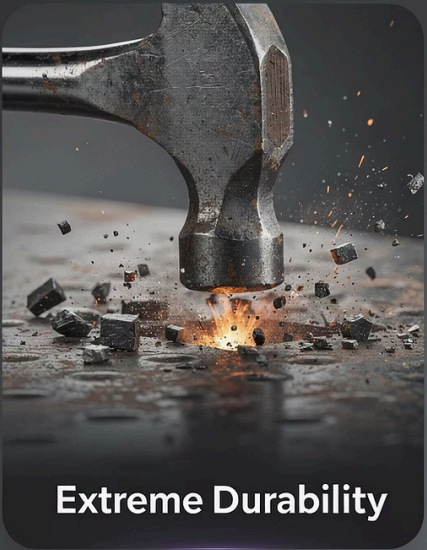
Competitive Advantage

Ultra-fast installation for large industrial units (1m² per piece)

Main Applications

Heavy industry, CrossFit (weight dropping), Hangars, Loading and unloading zones with intense machinery traffic.





Verified Performance

All our products comply with EU Regulation No. 305/2011, ensuring maximum safety and certified performance.



Extreme Hardness

90D Shore - Extreme wear resistance guaranteeing years of useful life without visible deterioration.



Anti-Slip Safety

Class R10 - Certified grip on ramps up to 19°, protecting workers in all conditions.



Fire Protection

Bfl-s2 - Low flammability, complying with the most demanding industrial safety regulations.



Anti-Static Control

< 2kV - Protects sensitive electronic equipment and prevents discharges in critical environments.

Battle of Floors: Why We Win?

An objective comparison demonstrating the technical and operational superiority of CARBOLYZ over traditional solutions.

1

CARBOLYZ vs. Epoxy

Epoxy: Requires 3 days for curing and a complete shutdown of operations.

CARBOLYZ: Immediate use, zero waiting time.

2

CARBOLYZ vs. Ceramic

Ceramic: Breaks whatever falls onto the floor, causing constant losses.

CARBOLYZ: Absorbs impact, saving the item and the floor.

3

CARBOLYZ vs. Concrete

Concrete: Cold, generates constant dust, requires periodic sealing.

CARBOLYZ: Thermal insulator, clean, maintenance-free.





One Floor, Multiple Sectors

CARBOLYZ's versatility allows it to adapt to the specific needs of each industry, always maintaining the highest quality standards.



Industrial

Coffee roasting plant with PAGIO black and grey, as flooring for the work area.



Automotive

Showroom with PAGIO Black and Grey, a professional image that inspires confidence.



Sports

Physical activity area, PAGIO Black and Grey for maximum impact protection.

A Smart Investment

CARBOLYZ is not an expense; it's a strategic investment that generates returns from day one of installation.

Zero Maintenance

Forget repainting every year. Our flooring maintains its professional appearance without costly interventions or operational downtime.

Portable Asset

If you relocate your premises, you take the floor with you. It's not a sunk cost; it's an asset that moves with your business.

Economical Repair

If a tile is damaged, you simply replace that single piece in 1 minute. No need to redo entire areas or hire specialists.

"The investment in CARBOLYZ pays for itself in less than 2 years thanks to maintenance savings and the elimination of operational downtime."

Total Flexibility for the Distributor

We understand the needs of our partners and offer conditions that facilitate their growth and that of their clients.



Scalable Shipments

Costs optimised by volume. Efficient logistics that maximise your margins without compromising delivery times.



Professional Packaging

Guaranteed protection with included cost of 0,50€/m². Your product arrives in perfect condition, ready for installation.



No Minimum Order

We facilitate trials and pilot projects. Start with small orders and scale according to your clients' demand.

Visual Transformation

Professional aesthetics that inspire confidence in your customers. See the real impact of CARBOLYZ in actual installations.



Each CARBOLYZ installation transforms not only the floor, but the entire perception of the workspace, elevating the professional image of your business.

Shall We Discuss Your Project?

Request your personalised technical study

Our team is ready to analyse your specific needs and design the perfect solution for your space. No-obligation quote within 24 hours.

Telephone

+351 936 099 770

Email

info@carbolyz.com

Web

www.carbolyz.com

Address

Barcelos, Portugal

"Carbolyz: The solid foundation of your business."