

ZORUFLEX®

A revolutionary patented system

Europe, U.S.A and Canada

by  BYOND



➤ **ZORUFLEX:**
**A revolutionary
patented system**

A range of innovative systems focused on the different common pathologies in the world of outdoor flooring

Solution offering vehicle-pedestrian coexistence

Flexible linings resistant to wear, shock absorption and high mechanical stresses

System developed with the latest materials generation



FAST
IMPLEMENTATION



NOISELESS

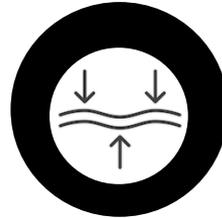


EFFECTIVE



DECORATIVE

> FUNCTIONAL FEATURES



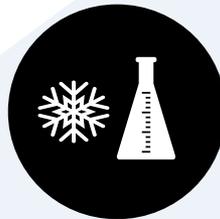
FLEXIBILITY



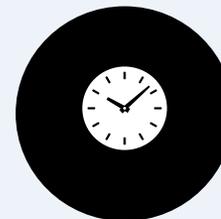
FAST
HARDENING



HEAVY AND
LIGHT VEHICLES



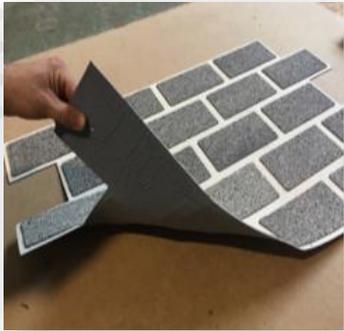
RESISTANCE TO
FREEZING,
PUNCHING AND
CHEMICALS



STABILITY AND
DURABILITY



RESISTANCE
AGAINST ABRUPT
TEMPERATURE
CHANGES



ZORUFLEX® FLEXIBLE TILE



ZORUFLEX® FLEXIBLE CONTINUOUS



ZORUFLEX® RESIN KERBS



ZORUFLEX® HIGH FRICTION



ZORUFLEX® HIGH PERFORMANCE



ZORUFLEX® WEDGES



ZORUFLEX® SELF-ADHESIVE PODOTACTILE



ZORUFLEX® JOINT



ZORUFLEX® WATERPROOFING AT ROLLING ZONE



ZORUFLEX® COLOR

➤ ZORUFLEX® SYSTEMS



➤ ZORUFLEX® FLEXIBLE TILES

ADSA High performance thermoplastic surface treatment

Flexible and highly resistant coating against the passage of vehicles and wear

Remains down to 20°C the elasticity

Paver, tile or natural Stone appearance.

Decorative

Suitable for any kind of design, allowing to respect the philosophy of the environment

Applied directly on different supports (asphalt, metal, Wood, etc)

Fast system installation with high economy of time and costs



TWO SYSTEMS

- ADHESIVE PUMMA
- AUTO-ADHESIVE

➤ ZORUFLEX® PODOTACTILE

Same self-adhesive tiles system

Very long durability

Exceeds anti-skid requirements

Great resistance to vehicles

Customizable tiles according to the cultural environment

Decorative

Adaptable to uneven ground

Directly applied on different supports (Asphalt, metal, wood ...)

It do not require work or maintenance



> ZORUFLEX® CONTINUOUS

High performance decorative continuous flexible paving

Composed with resin PUMMA (Methacrylate-polyurethane) which ensure a high strength and long durability.

Non-slip paving suitable for vehicles and pedestrian





▶ ZORUFLEX® CONTINUOUS

FEATURES:

High performance decorative continuous flexible paving

Composed with resin PUMMA (Methacrylate-polyurethane) which ensure a high strength and long durability.

ADVANTAGES:

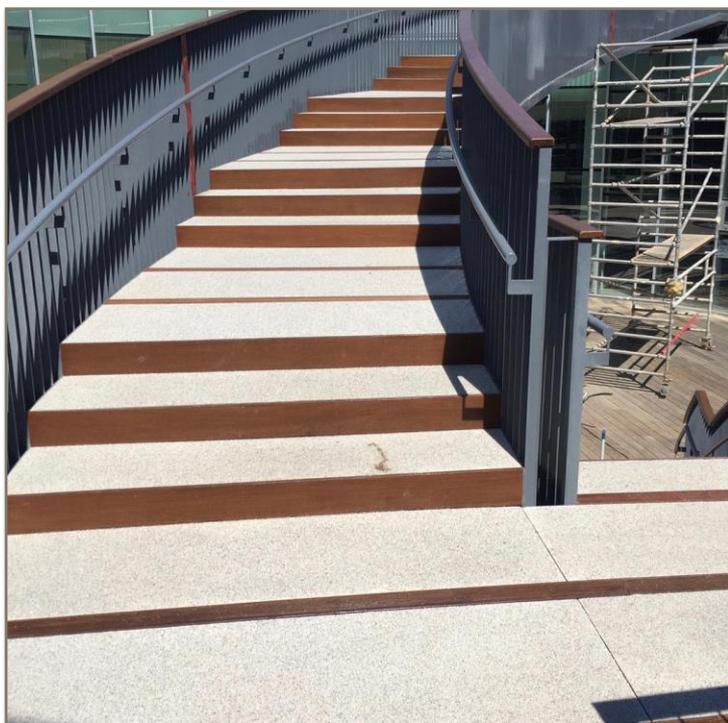
Non-slip paving suitable for vehicles and pedestrian

Increases awareness of the used of road between vehicles and pedestrians

Improve lane visibility

Provides delimitation between zones

Opening to traffic between 20-60 minutes



➤ ZORUFLEX® CUSTOMIZED

Multitude of models to choose or design in a personalized way

Customizable tiles according to the cultural environment



➤ ZORUFLEX® COLOR

It is applied directly on different supports
(Asphalt, concrete, wood, metal)

The drying is done during the first 20
minutes

Not crack or fissure





BEFORE TEST

AFTER TEST

➤ CERTIFICATE OF RESISTANCE

Study of resistance to the passage of heavy vehicles made and approved by IFSTTAR (French Institute of Transport Sciences and Technologies)



TEST RESULTS:

The system perfectly supported the passage of 3,000,000 heavy vehicles

This traffic can be considered as heavy bus or truck traffic at 200 passes per day over a period of 30 years.



WATERPROOFING



SIDEWALK



INTERSECTIONS



CROSSING



ROUNDBABOUT



PEDESTRIAN CROSSINGS



STAIRS



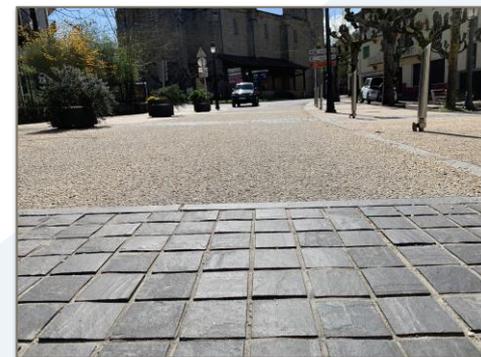
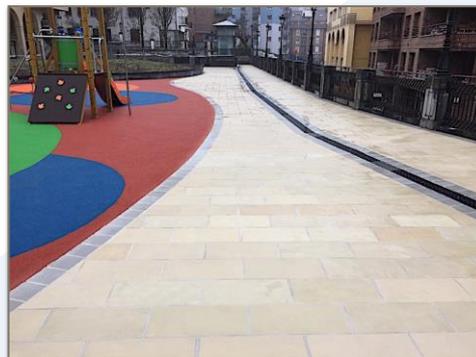
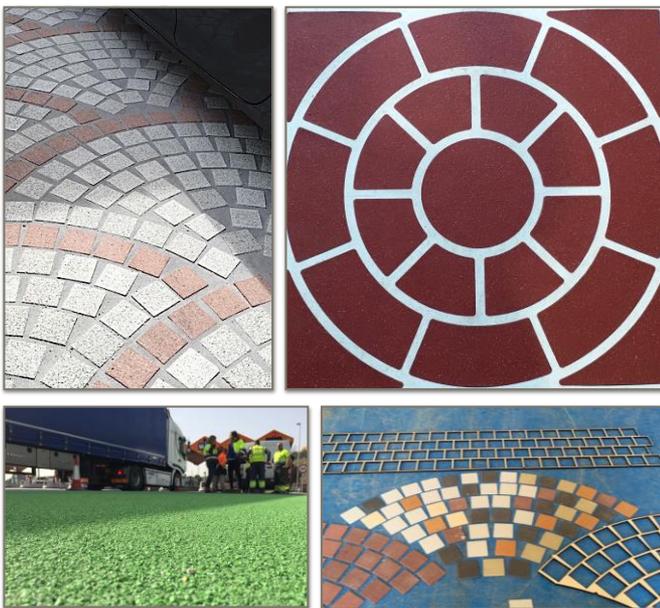
ROADS



PUBLIC PLACES

➤ ZORUFLEX® APPLICATIONS

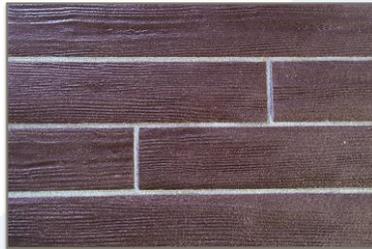
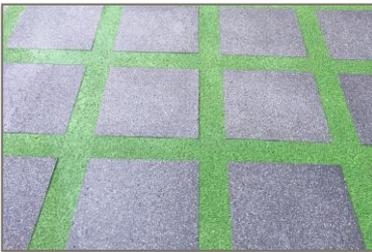
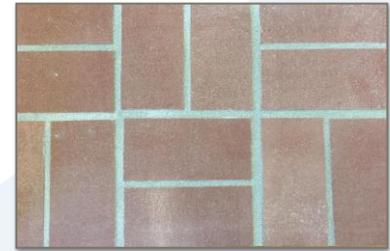




➤ ZORUFLEX® RESULTS

DESIGN FLEXIBLE PAVEMENTS

Mechanical performance of an asphalt tread layer looking like a cobblestone, tile or natural stone



➤ ZORUFLEX® RESULTS

DIFFERENT PAVEMENT DESIGNS



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DIFFERENT PAVEMENT DESIGNS

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