

FLEXOTRACTION CONCRETE (paving)

Low maintenance cost
High resistance to vehicle movement



Concrete manufactured with Susterra cement with a lower carbon footprint, reducing its CO₂ emissions by up to 25% compared to products currently manufactured with type-I cement in the same resistance category.

Designed to withstand the deformations caused by the flexural strength of an element. To achieve its particular characteristics, the right dosage of cement is applied and the aggregates are selected in accordance with their shape coefficient, flakiness index and degree of cleanliness.

The formulation provides greater resistance to impacts and durability and reduces wear.

When used for paving, its characteristics adapt to the requirements; flexural strength and abrasions. The planimetry is provided during its application to prevent the forming of puddles and facilitate circulation.

This concrete can be reinforced with structural metallic or polymeric fibres.



Field of application

Pavings and surfaces of roads, harbours, airports and areas with high traffic density and repair work.

Surfaces required to withstand the movement of heavy goods vehicles that may be highly abrasive (airports, ports, industrial facilities, etc.).

Benefits

Greater durability.

Ability to withstand the movement of vehicles and loads.

Improved road/vehicle adherence.

Greater mechanical flexural strength

A higher quality finish.

If required, it may be self-levelling, self-compacting and waterproof.

High resistance to surface wear.

Optionally, it can be coloured.

It can be used with a special wear-reducing aggregate.

Low maintenance cost



Application and supply system

- With a plastic consistency, it is applied by spreading machines.
- With a soft or fluid consistency, it is applied by hand.
- It's a product that can be pumped.
- It can be waterproofed by means of floating or applying epoxy-based paint.



Resistance (N/mm²) typified in the PG3	The flexural strength generally lies between 3.5 and 5 MPa after 28 days.
Consistency	P / B / F
Maximum aggregate size	10mm / 20mm
Environments	Adaptable to the specifications of the PG3