

RAINCOL

A FAREWELL TO WATERPROOFING



Parking lot,
GARDANNE (13)



Run-off test,
developed by Colas



Creating a parking lot,
LATTES (34)



WE OPEN THE WAY

RAINCOL

A FAREWELL TO WATERPROOFING

Raincol is a permeable structure that allows rainwater to trickle down through the road way directly into the natural soil. It comprises:

- a wearing course in porous asphaltic concrete that withstands shearing tension under light traffic
- a sub-grade course in permeable asphalt
- an appropriate granular foundation that is insensitive to water

Raincol helps combat soil sealing, an objective enshrined in French law (loi Alur). It was developed to satisfy the usage constraints of parking lots and traffic zones, whilst also harvesting rainwater at source.

Due to its hydraulic properties, Raincol helps curb the spread of heat in urban areas.

Raincol

Percolation speed (NF EN 12697-40)	> 1,0 cm/s
Run-off coefficient (in-house test)	≤ 30 %
Percolation rate (in-house test)	≥ 70 %

APPLICATIONS

Raincol is very versatile:

- light traffic lanes (residential areas, city centers)
- soft mobility solutions
- pedestrian zones, sidewalks, social facilities
- parking lots for light vehicles
- roads and parking lots for retail zones

ADVANTAGES

- Compatible with French legislation “loi Alur”
- Reduces flood risk
- Feeds directly into the water table
- Combats soil sealings
- Contributes to rainwater management