

# COLSTRONG

COPING WITH EXTREME STRAIN



Percolated Colstrong,  
LE HAVRE (76)

Percolated Colstrong,  
LA CIOTAT (06)



Colstrong Mix,  
LIEGE (BELGIUM)



WE OPEN THE WAY



# COLSTRONG

COPING WITH EXTREME STRAIN

Colstrong comprises a range of high-performance pavements that withstand the most extreme loads: static loads, intense flows of slow aggressive heavy traffic, and industrial traffic.

The Colstrong range is particularly suited to unloading docks, aeronautical facilities, multimodal hubs, logistics and industrial platforms, heavy-duty bus lanes and military tracks.

Colstrong is available as a mix or a percolated mix.

| Test   | Colstrong Mix                             |
|--|---|
| Resistance to rutting<br>60 °C – 30,000 cycles<br>NF EN 12697-22 | ≤ 5 % (base or binder)<br>≤ 2 % (wearing) |

|   |        |
|---|--------|
| Puncturing<br>imprint under 5 cm piston,<br>at 60 °C, under a load<br>of 5 MPa for 24 hrs | ≤ 4 mm |
|---|--------|

| Test   | Percolated Colstrong |
|--|----------------------|
| Puncturing<br>imprint under 5 cm piston,<br>at 20 °C, under a load<br>of up to 12 MPa for 24 hrs | ≤ 1 mm               |

**Percolated Colstrong**  
European fire rating: A2 - s1 (CSTB report RA18-0021 from 2018).



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## ➤ Colstrong Mix

A mix featuring a highly modified asphalt from the Colflex range and specific additive agents. The Colstrong Mix is very compact and withstands puncturing, rutting and shearing tensions.

## ➤ Percolated Colstrong

This mix has an extremely open asphalt matrix through which a cement and resin seal has been percolated. Percolated Colstrong is waterproof and fireproof. It does not need expansion joints. It is an economical alternative to concrete. Percolated Colstrong withstands intense puncturing strain and is particularly suitable for zones subjected to static loads, including inside buildings.

## ADVANTAGES

### ➤ Withstands:

- extreme traffic and loads
- abrasion
- puncturing
- accidental hydrocarbon spillage

### ➤ Does not require expansion joints

### ➤ Generates less dust

### ➤ Quick to lay down and open to traffic