

i.tech

PERCOCEM HP

High performance self-percolating cementitious slurry

Product description

Dry mixture of grey cement and admixtures

Uses

Product for performing ground with very high performance. i.tech PERCOCEM HP is used as slurry ready for filling open coated. This slurry, homogeneous and very fluid, has a high stability.

Once percolated over the entire asphalt and after taking the slurry, i.tech PERCOCEM HP provides a monolithic assembly of very high mechanical strength.

Application Areas

- Industrial platforms
- Warehouses and storerooms
- Lanes of handling vehicles
- Airport areas
- Corridors of bus and tram
- Test tracks for military vehicles

Benefits

- Ready Mix product
- Simple and rapid manufacturing of the slurry
- Industrially consistent manufactured product
- Easy to use
- Quality controls performed by our factory and our internal laboratory

Caution

Cement - based product: gloves and masks are recommended. Safety data sheet is available on request.

Technical datas of the grout

Water amount: 330 liters for 1 T of i.tech PERCOCEM HP powder

Compressive strengths on 4*4*16:

24 H	48 H	7 DAYS	28 DAYS
≥ 40 MPa	≥ 60 MPa	≥ 70 MPa	≥ 80 MPa

Fluidity with Marsh cone test with Ø= 10 mm) at 20°C:

T0 min = 35 s
T60 min = 50 s

Exudation: < 1% after one hour

Instructions

Grout preparation

The preparation of the slurry can operate either in a propeller mixer or in a concrete mixer in the following proportions: 330 liters for 1000 kg of i.tech PERCOCEM HP powder.

Pour water beforehand, then i.tech PERCOCEM HP and mix during a minimum of 5 min. The slurry obtained must be perfectly homogeneous and fluid.

Application of grout and finishing surface

After manufacture of the slurry, discharging it on the surface to percolate. Apply and spread the slurry over the asphalt with a rubber squeegee.

The very high fluidity and stability of the grout allows it to self-percolate easily into the open coated.

An external vibration can be applied to help the percolation. The slurry should enter the mix until refusal.

Finishing aspect is obtained by passing a thin, flexible broom to remove any slurry allowance and obtain a homogeneous appearance. Different surface finishes are available by grit blasting to improve adhesion.

A surface protection is recommended in times of high heat or strong wind, to avoid surface drying. The application of a curing compound or the establishment of a moistened burlap is advised.

In heavy rain, applying a polyethylene is recommended.

Caution: Do not use in temperatures below 5 ° C.

Service Restoration Time*

- Foot traffic: after 24 hours
- Light traffic (V.L.) and storage: after 3 days
- Heavy traffic: after 7 days

* For an average temperature of 20 ° C

General conditions of sales

Refer to SOCLI's general conditions of sale.

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