DURSIL Art 5-10

Flush monolithic flooring.

DESCRIPTION

High strength flush monolithic floor with concrete load bearing plate.
Application Terminology: "Facing" obtained by throwing a special concrete of approx. 10cm on the cured concrete screed.

WHERE IT IS APPLIED

Flush monolithic flooring. Welded to the concrete load bearing plate Ideal for use in civil applications.
Ideal for use in civil applications

STRENGTHS

It is a long lasting, hard wearing flooring which is easy to maintain.

WEAKNESSES

Any issues may be caused by:

1) Inadequate consistency and bearing of the existing concrete screed.
2) Failure to use **DURSICAL** concrete (crumbling, pitting, cavities, cracked state and warping.)

NOTE:

The flooring is polished and may be coloured.
The surface may be treated with **COVERSIP** (part of the **CHEMIDUR** range)
neutral or coloured, with dust free, waterproof and shine coating.

SPECIFICATION FOR THE DESIGN

DURSIL 5-10 monolithic industrial flooring comprising:

A) SPECIAL SCREED

Special 10cm thick DURSICAL concrete screed coloured and polished. (Formulated and reinforced concrete to achieve the performance required by the
design of the project. Resistance, durability and controlled shrinkage are basic elements of DURSICAL.) Thickness and reinforcement requires a design project.

B) EXISTING CONCRETE SCREED

Existing cured concrete screed. Cleaned of any impurities using mechanical equipment that roughens the surface.

C) SUPPORTING BASE

Soil stabilised using the Westergaard method.

DURSIL Art 5-10 MONOLITHIC FLOORING TECHNICAL DATA SHEET

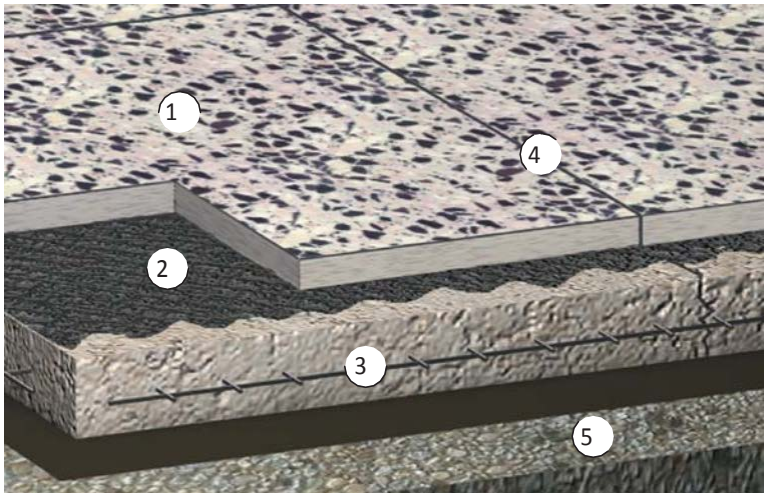
EXISTING CONCRETE SUPPORTING PLATE

Cleaned using mechanical equipment that roughens the surface.

FLOORING COMPOSITION

1) **Special 10cm concrete screed, polished.**
2) **Supporting concrete screed.**
3) **Stabilised load bearing soil.**

Contraction joint are sawn mechanically to usual size of 2 x 2ml The flooring must be isolated from elevated structures.



1) Special DURSICAL concrete screed according to the project.
2) Encourages adhesion to existing concrete screed
3) Existing concrete screed mechanically roughened
4) Sawn joints
5) STABILISED SOIL

Mixture of marble chips	DURSICAL	ENCOURAGES ADHESION	SUPPORT	JOINT
Compression ≤ kg/cm² 300 Usage ≤ 9,5 cm³/50 cm²	Concrete ≥ Rck 35 fibre reinforced reinforced according to the project.	Application of appropriate bonding primer.	Existing concrete screed, load bearing, roughened and clean	Metal joint applied at time of laying the floor

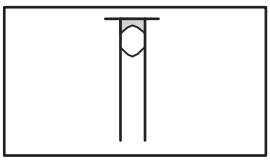
SURCHARGES

A surcharge is charged for the following colours: Red, white, black, brown, green.
COVERSIP Surface treatment (part of the **CHEMIDUR** range) neutral, coloured, added shine.

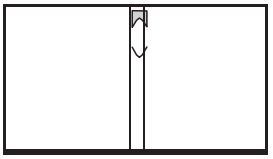
CONSTRUCTION JOINTS

The following construction joints may be used to enhance the use and performance of the flooring, for an additional charge.

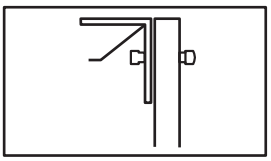
1 Resin sealed contraction joint, construction joint in cement and quartz mortar.
2-3 Construction joints using metal joints applied at the time the floor is laid.



1 - Joint SR



2 - Joint PM



3 - Joint MF

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