DURSIL TILES

PREFABRICATED FLOORING

DESCRIPTION

Prefabricated floor to be laid on existing plate with mortar.
Tile consisting of a surface layer of a thickness of approx. 10mm and 20mm of a high dose sand and cement mortar.

WHERE IT IS APPLIED

Tiled prefabricated floor Laid on an existing plate.
Suitable for loads (II) and operations (M-P). (See DIN Standard 1100).
Heavy industry, offices, inspection pits, car parks etc..

STRENGTHS

A high strength vibro compressed floor.

WEAKNESSES

Any issues may be caused by:
1) Damage caused by poor tile application to the mortar with subsequent separation.

NOTE:

The floor can be colored, buffed, polished insitu to highlight the chips and sealed to give it shine.
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 Tile monolithic industrial flooring comprising:

A) TILES

A mixture based on spheroidal quartz and hard minerals with the addition.
of special binders, with a homogeneous granulometric curve of between 0.125 and 3.0mm, with a thickness of approx. 10mm.
A layer with high sand and cement content of a thickness of approx. 20mm.

B) MORTAR CONCRETE

Sand and cement mortar at 400kg per cubic metre with a thickness of approx. 30/60Mm.
Mix the mortar in a horizontal pan.

C) EXISTING CONCRETE PLATE

Existing, cured concrete plate, clean from all impurities and moisture before laying.

D) SUPPORTING BASE

Soil stabilised using the Westergaard method.

DURSIL TILES PREFABRICATED FLOORING TECHNICAL DATA SHEET

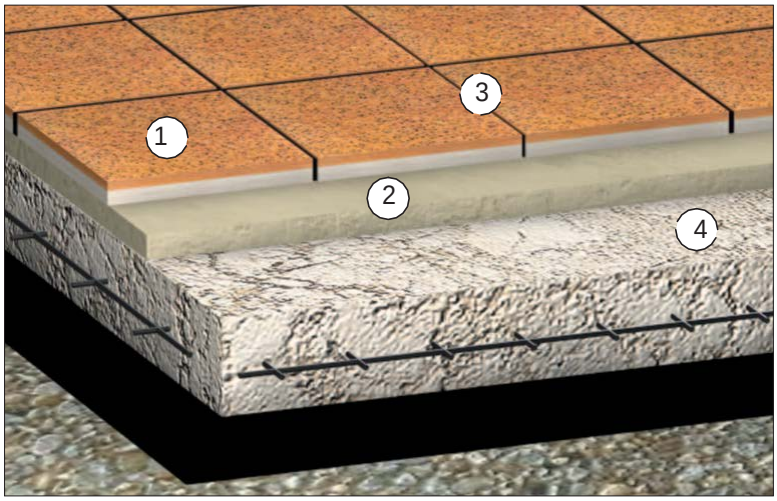
SUPPORTING CONCRETE PLATE

Clean the plate and keep the surface moist.

FLOORING COMPOSITION

1) DURSIL Tiles (cm 25x25x2,7)-(cm 30x30x3,3)-(cm 33x33x3,5)-(cm 40x40x3,9).
2) Cement based mortar of approx. 30mm thickness.
3) SUPPORTING CONCRETE PLATE

Load bearing weight of the flooring with respect to the project is variable from 5,000 to 8,000kg/m² with a static load. The flooring is laid on a concrete plate. The joints are carried out by inserting rigid PVC rods sized to fit 15 x 15ml. Weight per m² kg 70 (only tile).



1) DURSIL Tiles
2) High dose cement mortar
3) rigid PVC joint
4) Supporting concrete plat

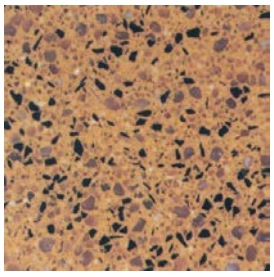
TILES	BED OF MORTAR	SUPPORTING PLATE	JOINT
Impact resistance kg. m 0,45. Usage coefficient According to the tribometer (1000 metres) mm. 3.9 (500 metres) mm. 1.9	Mixture of gritty sand Nd cement in a ratio of Of 400kg per cubic metre The tile is laid Putting it into the mortar	CONCRETE PLATE Existing and load bearing	Rigid PVC profiles To separate the laid sections applied

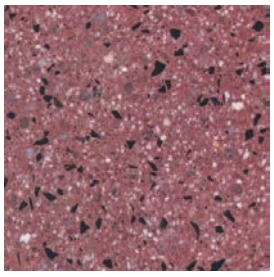
SURCHARGES

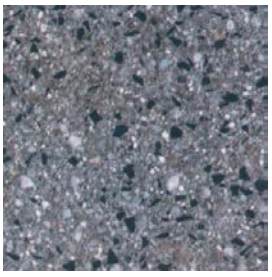
A surcharge is made for base colours .
COVERSIP Surface treatment (part of the **CHEMIDUR** range) neutral, coloured, added shine.

The colours and chips are only for illustrative purposes.


Tiles for ramps


Yellow tile


Red tile


Grey tile

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