



DURSIL Lastrosystem

PREFABRICATED FLOORING

DESCRIPTION

Prefabricated floor to be laid on a bed of compacted soil and sand.

Plate consisting of an anti-wear surface layer of a thickness of approx. 10mm and 14cm in reinforced concrete with metal edges.

WHERE IT IS APPLIED

Reinforced, prefabricated plate floor. Laid on a bed of sand.

Suitable for loads (II) and operations (M-P) (See DIN Standard 1100).

Heavy industry, offices, highly trafficked spaces.

STRENGTHS

A high strength prefabricated floor.

WEAKNESSES

Any issues may be caused by:

- 1) Poor bedding in of the plate on sand.

NOTE:

The flooring can be easily removed and reused.



SPECIFICATION FOR THE DESIGN

DURSIL Lastrosystem monolithic industrial flooring comprising:

A) SURFACE LAYER

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 for a thickness of approx. 10mm.

B) CONCRETE PLATE

Concrete plate measured at 400kg per cubic metre with a thickness of approx. 14cm. reinforced with fibres or mesh

C) FOUNDATION

A 5 to 10cm thick bed of sand

D) SUPPORTING BASE

Soil stabilised using the Westergaard method

DURSIL LASTROSYSTEM PREFABRICATED FLOORING TECHNICAL DATA SHEET

STABILISED SOIL

Excellent compaction of the load bearing soil by rolling in several stages.

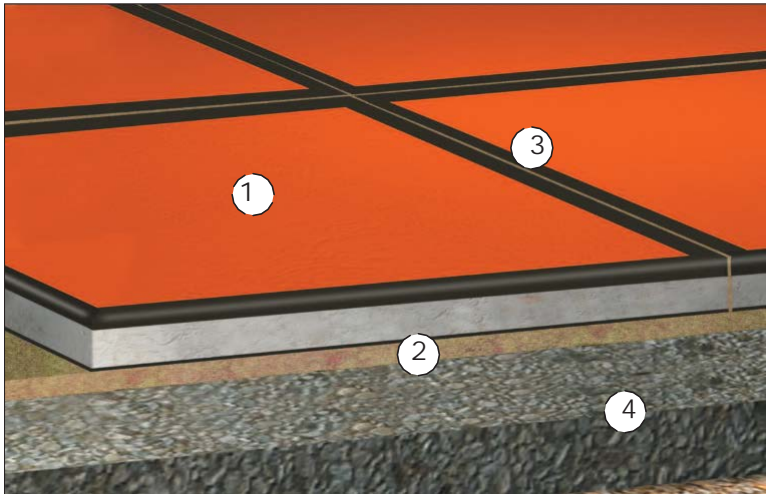
FLOORING COMPOSITION

- 1) **DURSIL Lastrosystem plate of a thickness of 15cm.**
- 2) **A 5 to 10cm thick bed of sand**
- 3) **STABILISED SOIL**

Load bearing weight of the flooring is variable from 5,000 to 8,000kg/m² with a static load.

The flooring is laid on a bed of sand. The joints between the sheets are filled with sand.

Weight of the plate approx. 1500kg.



1) DURSIL Lastrosystem plate.
2) Bed of sand of 5/10cm. approx.
3) Joint filled with sand
4) Support soil

DURSIL Lastrosystem	FOUNDATION	SUPPORTING SOIL	JOINT
CONCRETE PLATE To a height of 15cm reinforced side 200 x 200cm Surface layer of 1cm And metal edge	A 5 to 10cm thick bed of sand On which to lay the sheet	Compacted or rolled soil On which to laid the sand	Filling the joints With sand

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