

T-FORTIS

SMART AND STRONG

SAFE FLOOR REPAIR

Professional device for repairing damaged floors

Areas of use

The T-FORTIS Safe Floor Repair system is the ideal solution for the rehabilitation of industrial floors in:

- factories
- warehouses
- parking lots
- logistics centers

Problems caused by degraded floors

A damaged floor not only affects the appearance of the space, but also produces:

- * premature wear of transport equipment (forklifts, pallet trucks, trolleys, etc.)
- * degradation of transported products
- * vibrations and noise during operation
- * dust contamination of warehouses and technological processes
- * increased maintenance costs

T-FORTIS Safe Floor Repair is a mechanical device for repairing damaged joints and edges, which:

- restores the load-bearing capacity of the damaged area
- ensures a smooth passage, without shocks and vibrations
- eliminates concrete detachments and dust formation
- increases the lifespan of floors

Components

The device is made of:

- * high quality steel sheet
- * upper parts made of galvanized or stainless steel
- * mechanical anchoring system
- * structural bonding with epoxy mortar



Advantages:

- vibration-free and noise-free passage
- protection of transport equipment
- reduction of maintenance costs
- quick assembly with reduced downtime
- durable and aesthetic solution
- safe and clean operation

Economic benefits:

- equipment damage is reduced
- cargo losses are minimized
- operational safety is improved
- floor life is extended

Position

T-FORTIS Safe Floor Repair is a premium technical solution for the modernization and maintenance of industrial floors, compatible with the requirements of modern logistics and areas with heavy traffic.

Assembly instructions

1. Area preparation

- cut the concrete left and right on either side of the damaged joint
- remove the degraded concrete to a depth of 20-25mm
- thoroughly clean the area using industrial vacuum cleaner

2. Priming

- apply an epoxy primer recommended by the mortar manufacturer
- respect the primer reaction time

3. Mounting on the mortar bed

- apply a layer of epoxy mortar
- position the T-FORTIS Safe Floor Repair device in the mortar
- align it flush with the existing floor
- check the flatness and correct positioning

4. Mechanical fixing

- after the epoxy mortar has hardened:
- * dismantle the upper sides of the device
- * drill holes with a hammer drill,

drill diameter 6.5mm

* insert self-tapping screws

* reassemble the device faces

5. The final result

- flat surfacen
- shock and vibration-free passagen
- joint edge protectionn
- safe and durable operation

Advantages:

- quick intervention
- reduced downtime
- no new concrete pouring
- removable and reusable mechanical solution

Technical data

Length: 1.164 mm

Width: 100 mm

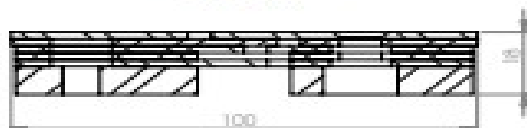
Weight: 13 kg/pc

Body material: high quality steel

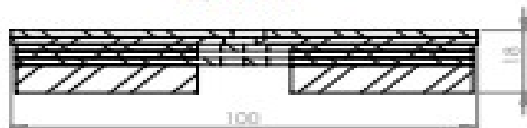
Upper parts: galvanized or stainless steel

Fixing: mechanical anchoring + epoxy mortar

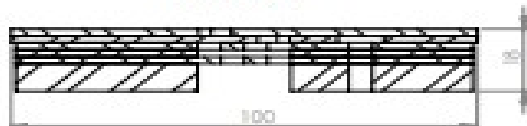
SECTION A-A
SCALE 1 : 1



SECTION B-B
SCALE 1 : 1



SECTION E-E
SCALE 1 : 1



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