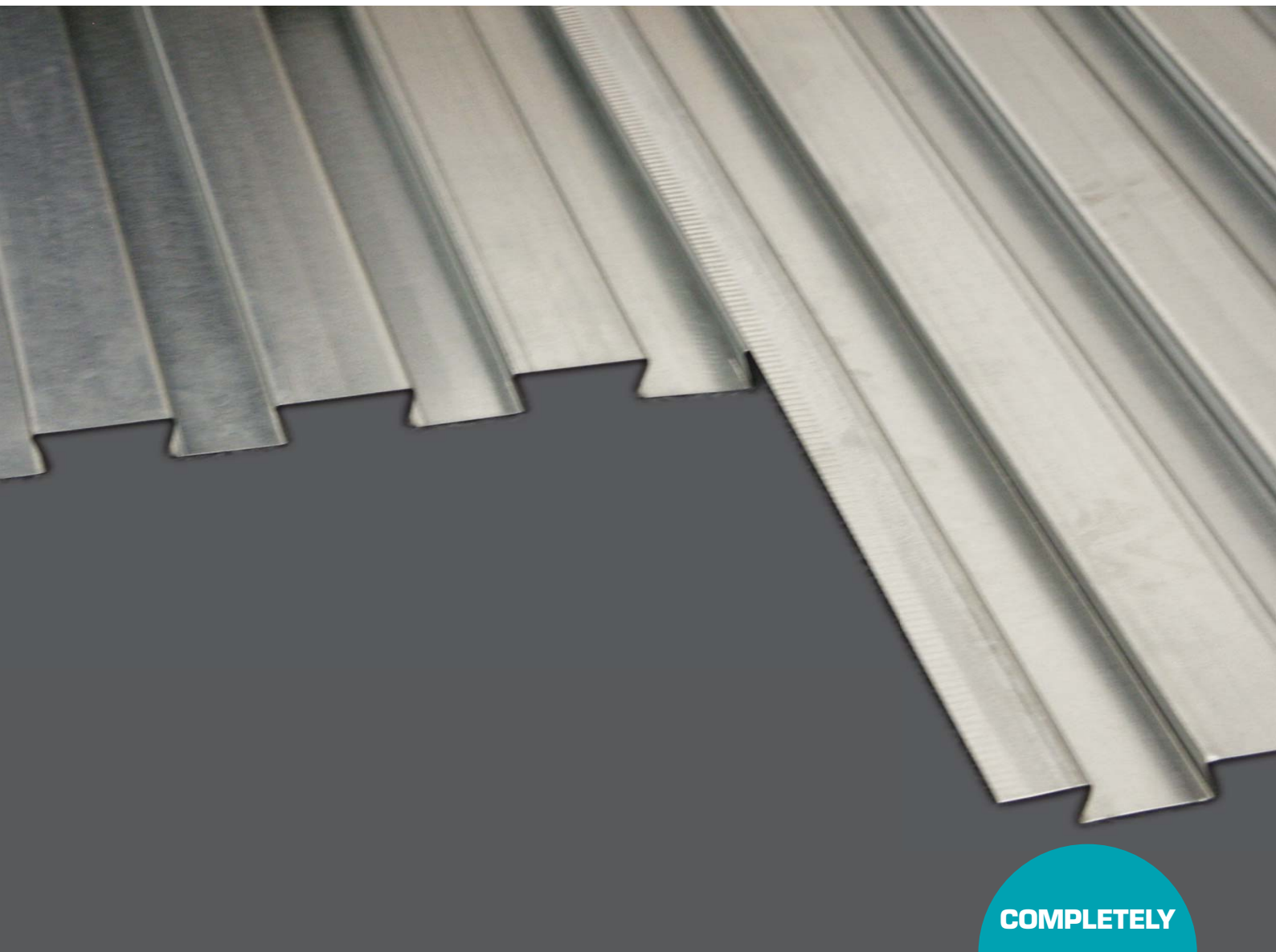


DUOFOR

FLOORS WITH DOVETAIL PLATES

Duofor® dovetail panels: Professional floor renovation



COMPLETELY
CERTIFIED

DUOFOR

smart building.

- Made of sendzimir galvanized sheet steel S320 GD + 275 gr/m2
- Own production according to EN 1090-1 and ISO 9001
- Faster processing
- Composite ceiling construction tested with cement screed, concrete and lightweight concrete
- 100% recyclable + environment management system EN-ISO 14001:2105
- Certified / CE marked

FLOORS WITH DOVETAIL PLATES

In a variety of floor applications there is no better solution than dovetail plates in combination with concrete: load-bearing, puncture-proof, fire-resistant and, depending on the processing, heat and sound-insulating.

With a construction height of 36 mm and a maximum overvoltage of up to 2500 mm (axial dimension), Duofor composite ceiling system can be used universally. So tiled floors can be transformed into parquet floors and vice versa.

SYSTEMS

Combifor floor system:

Combifor is a patented floor system for renovations and new buildings, consisting of lightweight steel lightweight ceiling beams, thermal decoupling strips and Duofor® dovetail plates. The total construction is only 90 kg/m².

Sound insulating / fire retardant:

The DTS-G sound insulation strips provide a mass-spring combination that ensures permanent decoupling of the composite floor from the building.

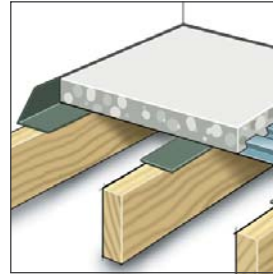
Result: Very high air and impact sound levels are achieved. The total construction has a fire resistance of ≥ 60 minutes.

Tiled floor:

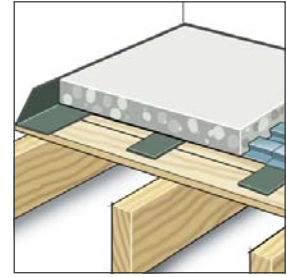
Ideal for damp rooms and floors with underfloor heating, where the heat radiation is optimized by the galvanized dovetail plate.

Note:

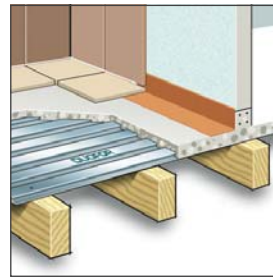
Further floor details can be found in our manufacturer's instructions.



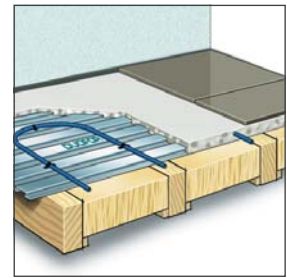
Soundproofing on joisted floor



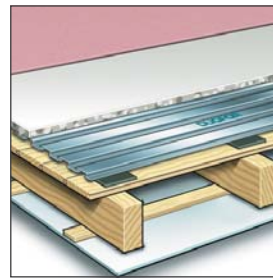
Soundproofing on floorboards



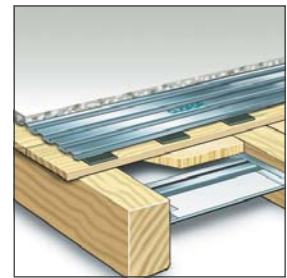
Floors with tiles



Floor with underfloor heating



Apartment divisional / fireproof



Technical specifications

TECHNICAL SPECIFICATIONS		
Plates width		630 mm
Deck width		610 mm
Available in the following standard lengths		
Center-Center distance	approx. 600 mm	1300 mm
Center-Center distance	approx. 500 mm	1600 mm
Center-Center distance	approx. 600 mm	1900 mm
Center-Center distance	approx. 700 mm	2200 mm
Lengths on request		to 500 mm
Material properties		
Steel quality		≥ S320
Sheet thickness		0,50 mm
Environment, corrosion class C1 + C2		Z275 gr/m ²
Flange		38/33 mm
Height		16 mm
Mass 0,5 mm		5,85 kg/m ²

SPECIFICATIONS
Dovetailed sheets: According to EN 1994, EN 10326, EN 10143, EN 1090.
Durability: At least 50 years according to European standard Application class EXC 1,2 and 3, environmental class C1 and C2.
Sound insulation: Airborne noise according to EN ISO 717-1, EN 140-3, EN ISO 12354-1 Impact sound according to EN 717-2, EN ISO 140-6, EN 12354-2
Fire resistance: According to EN 1990, EN 1991, EN 1994, EN 1995
Load capacity: According to European standard EN 1990, EN 1991, EN 1994, EN 1995
Technical investigations: According to Eurocode 0, 1, 2, 3, 4 and 5



smart building.

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