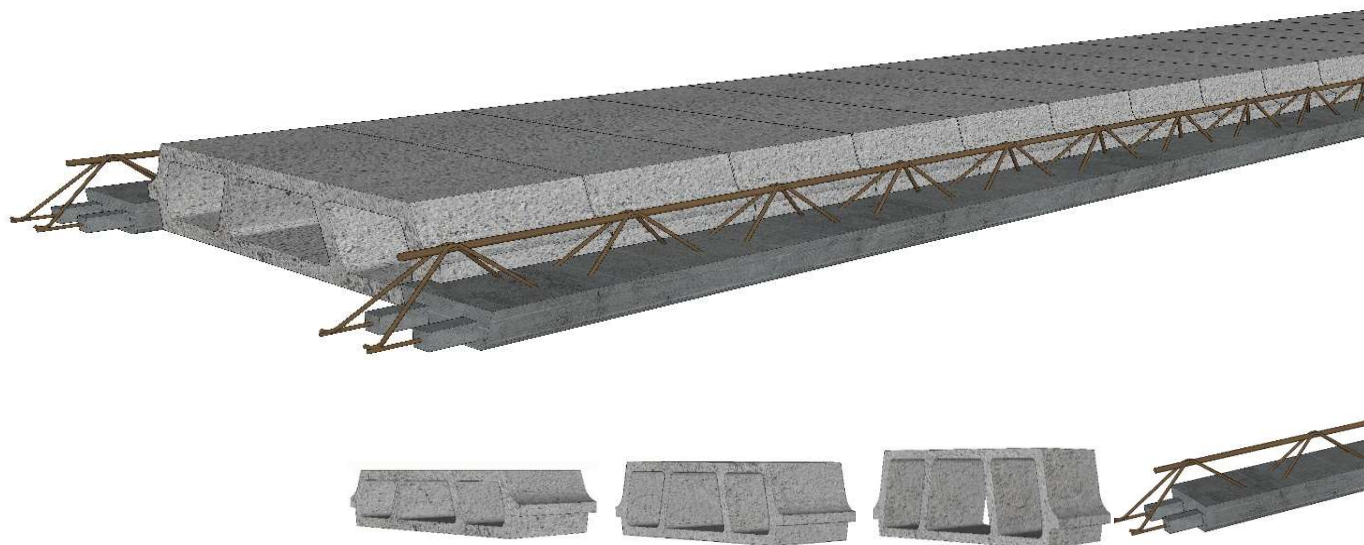




GIRDER & FILLER (Hourdis)

SYSTEM PRECAST BETON



Dimensions	Filler 12	Filler 16	Filler 20	Girder
Width (cm)	12	16	20	12
Height (cm)	20	20	20	45
Length (cm)	53	53	53	100 to 650
Average weight (kg)	12,5/13	13,5/15	15,5/17	13,5 /ml
Packaging				
Blocks per pallet	80	60	50	
Pallet size (m ²)	8,85	6,65	5,55	
Pallet weight	12,5/13			
Pallet dimensions (m)	L*I*H 1,05 * 1,05 * 1,10			
Quantity per m ²	9	9	9	

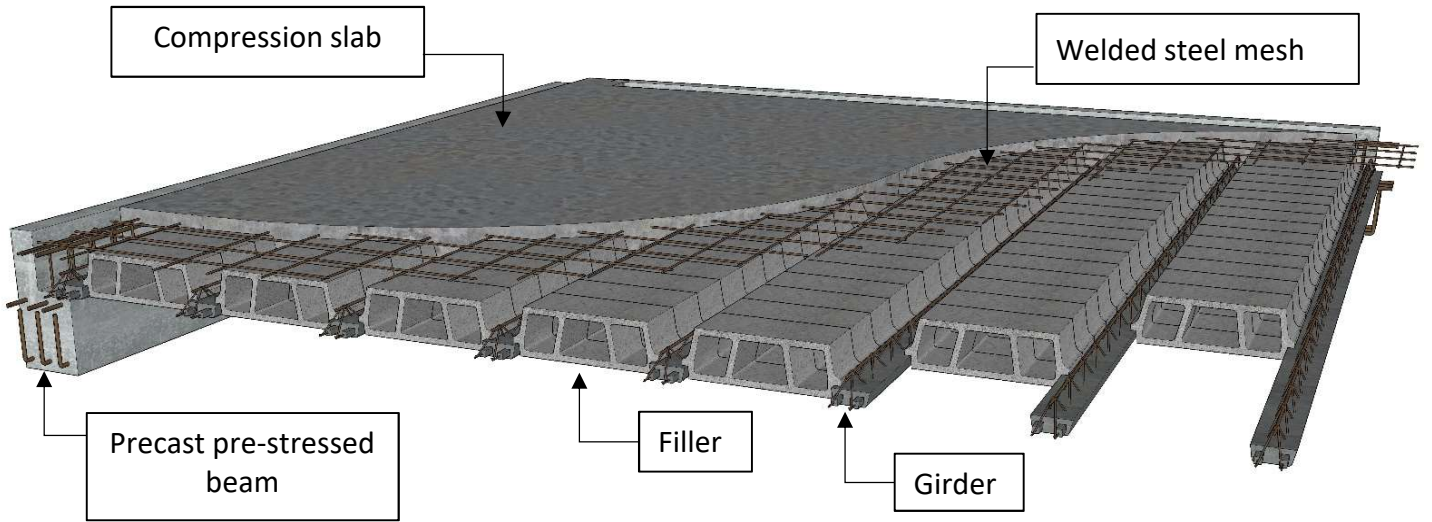
Filler features	Filler 12	Filler 16	Filler 20	Standard
Concrete resistance (kg/cm ²)	27,20	20,20	15,60	EUROCODE
Filler resistance	2,17 Ton	1,66 Ton	1,17 Ton	
Girder features	- concrete 500 kg/m ³ - cement with additive CPA 52,50 - steel rebar 500 Mpa - concrete resistance after 21 days: 50 Mpa			EUROCODE

Use	Advantages
Precast slab for: - individual houses - collective buildings, public real estate - industrial warehouses - offices - rooftop terraces	- usual length: 6.50 meters - no formwork needed - 40% concrete and steel less - easy and fast assembly - high and long-term sturdiness - soundproof - fire resistant



SYSTEM PRECAST BETON

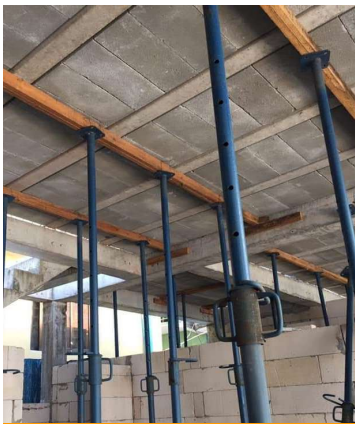
GIRDER & FILLER (Hourdis)



Girder and filler assembly
A team of 10 workers can assemble 100m² per day



Welded steel mesh assembly



1 prop every 2 m²

5 cm of concrete cast



Walkable within 24 hours