

Cement Bonded Particle Board

“Your Solution Partner
From Base to Roof”



betopan[®]



Proven Quality in >Performance and Strength



Reference
Projects

betopan® is a functional cement-bonded particleboard which can be used for construction from base to roof.

Advantages of Use

Resistant to external weather conditions,
Resistant to fire,
Suitable for use in earthquake resistant steel construction buildings,
Easy to cut,
Fast and easy installation,
Provides high level of sound and heat insulation,
Provides high level of durability against the effects of solar rays.

Standart Dimension

Thickness	Weight	Dimensions
08, 10, 12, 14, 16, 18, 20, 24, 30 mm	10, 13, 16, 18, 20, 23, 26, 30, 38 kg/m ²	1250 x 2500 mm 1250 x 2800 mm 1250 x 3000 mm

Technical Specifications

Density	1300 ± 50 kg/m ³
Fire Resistance	(B s1 d0 EN 13501-1)
Thermal Conductivity Coefficient (10°C dry)	0,15-0,16 W/mK
Bending Strength Perpendicular to the Surface	9 N/mm ²
Modulus of Elasticity with Perpendicular Bending	4500 N/mm ²

Areas of Usage

Outdoor

Rebated siding system,
Wall cladding system,
Soffit and fascia cladding system,
As bottom sheet for roofing.

Indoor

Wall cladding system,
Partition wall system,
Under ceramic tiles in wet spaces,
Mezzanine floor system,
Raised access floor system,
Suspended ceiling system.

Industrial Facilities

External wall applications of steel structures,
Sound insulation,
Where fire strength is required,
Mezzanine floor coatings,
Internal partition walls and wall cladding.

Demountable Structures

Construction site buildings,
Warehouses,
Dining halls,
Earthquake resistant residence.

