

TECHNICAL SPECIFICATIONS

Product Definition	Cellulose fiber reinforced and autoclaved cement board
Product Type/Category	NT Type/Category A&C
Surface Appearance	Smooth or textured
Tolerance Level	Level 1
Standard Dimensions	1200x2400 - 1250x2500 and 1250x3000 mm
Thickness	6 ~ 20 mm (textured boards 8 ~ 12 mm)
Length / Width Tolerance	± 5 mm / ± 3,75 mm
Thickness Tolerance (e: board thickness)	Smooth: ± %10e, Textured: - %10e / +%15e
Fire Reaction Class	A1
Squareness of Edges	± 2 mm/m
Straightness of Edges	± % 0,1 a (a: edge length)
Density	~ 1350±50 kg/m ³
Vapor Diffusion Resistance	μ ≤ 30
Porosity	~ 30 %
Bending Strength	~ 11,5 N/mm ² (length-width average)
Frost Resistance	Resistant to frost in accordance with TS EN 12467
Water Permeability	Non-Permeable in accordance with TS EN 12467
Flammability	Non-Flammable, A1 class building material according to EN 13501-1
Asbestos Content	Non-Asbestos (NT type product)
Other Hazardous Material Emission	Not any hazardous material or gas emission
Thermal Expansion Coefficient	at = 0,005 mm/mK
Thermal Conductivity	λ = 0.20 W/mK
Modulus of Elasticity	7000 N/mm ² (length-width average)
Water Absorption	< 30 %
Stock Sheet Moisture	< 10 % (Depending on the atmospheric humidity)
Hygrical Movement	0,5 mm/m (Full saturation)
Safe Bending Radius	e: 8 mm; 8 m, e: 10 mm; 12 m, e: 12 mm; 24 m, e: 16 mm; 50 m