



COMMERCIAL FLOOR  
CONTRACT QRE-11-06-1  
BAR FLOOR 508E, NR GLT  
SIZE 116x28MM  
THICKNESS  
PCS/MT  
MADE IN CHINA

# Barter International General Trading

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# Oriented Strand Board (OSB)

Oriented Strand Board (OSB), a type of engineered wood panel made from strands of wood arranged in layers and bonded together with adhesives.

There are 3 grades of OSB. Each grade has specific characteristics and applications.

## OSB Grade-1

It is intended for interior use in dry environment. It is commonly used for packaging, pallets, and other non-structural applications where moisture exposure is limited.

## OSB Grade-2

It is intended for interior use in dry environment with moderate load bearing capacity. It is commonly used for furniture and general construction applications.

## OSB Grade-3

It is structural-grade OSB, engineered for use in humid conditions and load-bearing applications. It is widely used in construction for flooring, roof decking, wall sheathing, and structural components due to its enhanced strength, moisture resistance, and dimensional stability.

## Specification:

- Size: 1220\*2440mm(4'\*8'), or upon request
- Thickness: 9mm, 10mm, 12mm, 15mm, 18mm, 21mm, 25mm or as request.
- Thickness Tolerance: +/-0.5mm
- Glue: Urea-Formaldehyde (E0, E1, E2), WBP, Melamine
- Density: 600–700kg/m<sup>3</sup>

## Glue types:

- MR (Moisture Resistant): MR glue, also known as interior glue, is a cost-effective option for interior applications where limited exposure to moisture is expected.
- E2, E1, E0: These are the formaldehyde emission classes of the glues used in OSB manufacture. The emission level of E2 is higher, and the emission level of E1 and E0 is lower, meeting more stringent environmental and health standards.
- WBP (Water Boiling) / Phenolic Glue: WBP and phenolic glue provide excellent water resistance, making OSB boards suitable for outdoor and moisture-exposed applications. They feature enhanced durability and dimensional stability.
- Melamine: Melamine glue is known for its moisture resistance and excellent surface finish. It provides additional moisture protection and can be used in applications where moisture resistance is required.



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