



Langboard Industrial Panels



Langboard manufactures Industrial Grade products to meet your specific Industrial needs. We were the first OSB manufacturer in the extreme Southeast United States. We have recently added a new production line and press that allows us tremendous flexibility in producing specialty products.

Langdale and Langboard..

Names associated with quality and value for well over 100 years offers a wealth of experience and attention to detail for your specific needs.

Contact us and let us help you DELIVER..

- **Meets CARB 2 Standard
Structural Panels - OSB**

Structural panels such as OSB using exterior type phenol formaldehyde and isocyanate resins do not require certification for formaldehyde emissions. Isocyanate resin panels do not contain formaldehyde so no risk of formaldehyde emissions exists. Phenolic-based adhesives are specifically exempted in Section II.C.3 of HUD Rule 24 CFR 3280 (of the August 9, 1984 Federal Register), which states that HUD "has decided to exempt products that are formulated exclusively with phenol-formaldehyde resins and surface finishes from the testing and certification provision of the rule." The amount of formaldehyde emitted from panels using phenolic-based adhesives is considered too small to be significant and has therefore been exempted. Isocyanate resin panels do not contain formaldehyde so no risk of formaldehyde emissions exists.

- **Enhanced screw holding**
- **TECO audited products**
- **Sanded on one side or both**
- **Engineered void free**
- **Panel Sizes: 48x96 or 49x97.5**
- **Thicknesses Available: 7/16, 1/2, 5/8, 11/16, 23/32 and 3/4**

Table 1:
Physical and Mechanical Properties for Langboard OSB when Determined in Accordance with ASTM D 1037-06a Part A.

Grades	Machine Direction		Internal Bond (IB)	Screw-Holding		Panel Variance	
	Modulus of Rupture (MOR Parallel)	Modulus of Elasticity (MOE Parallel)		Surface Pounds	Core Pounds	From Specified Thickness	Within Panel From Average
Sanded 11/16 Sheathing	3030	517000	65	356	270	+ - "0.005"	+ - "0.005"
HD	3300	586000	46	281	206	+ - "0.032"	+ - "0.032"
XD	3520	653000	54	287	218	+ - "0.032"	+ - "0.032"
	5130	863000	65	323	257	+ - "0.032"	+ - "0.032"

Physical and Mechanical Properties Requirements for MDF when Determined in Accordance with ASTM D 1037-06a Part A.

Grades	Modulus of Rupture (MOR)	Modulus of Elasticity (MOE)	Internal Bond (IB)	Screw-Holding		Panel Variance	
				Surface Pounds	Core Pounds	From Specified Thickness	Within Panel From Average
115	1800	180000	68	158	135	+ - "0.005"	+ - "0.005"
130	3130	313000	78	222	177	+ - "0.005"	+ - "0.005"
155	4050	405000	117	270	225	+ - "0.005"	+ - "0.005"