

**Technowood** makes efficient use of typically-unusable small-diameter, Aspen Logs. A natural, abundant resource, Aspen helps lower the globe's dependency on mature forests. Specially designed as combination subroof underlayment, Technowood provides a smooth surface for application of Virothatch and Viroreed. This product meets APA Performance standard structural tests and engineered to perform in applications that require superior cross-panel strength, racking strength or shear resistance.

## Roof sheathing

## installation

Select the appropriate **Technowood** Engineered osb panel thickness or span rating for the application.

Apply the strength axis perpendicular to the supports. All panels should be continuous over two or more spans; all end joints must be staggered and lie over supports.

Fasteners shall be located a minimum 3/8" from panel edges.

Leave 1/8" gap at all panel ends and edges to allow movement due to climatic changes, preventing roof panel ridging.

Install roof sheathing with the textured side up and use extreme caution when working on sloping roofs.

Stand over trusses or rafters when nailing. Nail spacing should be no more than 6" on center along panel edges and 12" on center along intermediate supports.

All fasteners must penetrate a minimum of 1" into structural supports and be with nail head flush with panel surface.

Ensure adequate ventilation as specified in the appropriate building code.

## **ROOF LOADS AND SPAN RATING**

Recommended Uniform Roof Live Loads for apa Performance Rated Sheathing with Strength Axis Perpendicular to Supports

			SPACING OF S	PACING OF SUPPORTS CENTER-		
ROOF SPAN RATING (MAXIMUM SUPPORT SPACING CENTER TO CENTER			16"	24"	32"	
PANEL THICKNESS	WITH EDGE SUPPORT	WITHOUT EDGE SUPPORT	ALLOWABLE ROOF LIVE LOAD (PSF)			
3/8"	24"	20"	100	30	_	
7/16"	24"	24"	100	40	-	
15/32", 1/2"	32"	28"	180	70	60	
19/32", 5/8"	40"	32"	305	130	30	

10 psf dead load is assumed.

Applies to panels 24" or wider applied over two or more spans.

Other thicknesses, support spacing or load conditions: see apa Design/Construction Guide, Residential and Commercial.

Edge-support: t&g edges, panel edge clips, lumber blocking or other.

