

Best Materials Coil Roofing Nails

Pull-Out Testing in Plywood and OSB

Nail Length *	Smooth Shank		Ring Shank	
	Load (lbf)	Std Deviation	Load (lbf)	Std Deviation

PLYWOOD

3/8 (3-ply)	1"	46	17.1	64	21
15/32 (3-ply)	1-1/4"	47	14	94	51.7
19/32 (4-ply)	1-1/2"	57	14.6	107	34.1

OSB

3/8	1"	32	9.1	102	34
1/2	1-1/4"	46	12.7	117	36.5
19/32	1-1/2"	59	18.7	176	47.6

* Nail Lengths used: must be capable of penetrating all the roofing layers and the full tip being exposed at the underside of the sheathing.

Sheathing was exterior grade, suitable for roofing applications

Coil Nails: Best Materials brand meeting ASTM F1667 & FFN-105B, collated type, machine driven.

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