

# Formwork Designs for Typical Wall Forms

Forming System	Safe Working Load (lbs.)	Max. Rate of Placement Vert. Feet per Hour		Maximum Form Tie Spacings		Single Vertical Studs		Double Horizontal Walers	
		50°F.	70°F.	Vert.	Horiz.	Size	Centers	Size	Centers
3M Snapties	2,250	2-1/4	3-1/4	24"	24"	2X4	12"	2X4	24"
		5-3/4	10	16"	16"	2X4	8"	2X4	16"
High Strength Snapties	3,350	2-2/3	3-2/3	24"	32"	2X4	12"	2X4	24"
		3-3/4	5-1/3	24"	24"	2X4	8"	2X4	24"
Standard Coil Ties 3/4" Taper Ties-Slotted	4,500	2-2/3	3-3/4	32"	32"	2X6	12"	2X6	32"
		5-1/3	8-3/4	24"	24"	2X4	8"	2X6	24"
3/4" Taper Ties	6,000	3-3/4	5-1/3	32"	32"	2X6	8"	2X6	32"
		5-1/3	8-3/4	24"	32"	2X4	8"	2X8	24"
		5-2/3	10	24"	24"	2X4	8"	2X4	24"
Heavy Coil Ties	6,750	2-2/3	3-3/4	32"	48"	2X6	12"	2X8	32"
		4-1/3	6-1/4	32"	32"	2X4	8"	2X6	32"
		6	10	24"	32"	2X4	8"	2X6	24"
Heavy Coil Ties 3/4" She Bolts	9,000	3-1/3	4-2/3	32"	48"	2X4	8"	2X8	32"
		3-2/3	5	24"	32"	2X4	8"	2X6	24"
		10	10	24"	32"	2X4	6"	2X6	24"
1" Taper Ties	18,000	5-1/3	8-3/4	48"	48"	Aluminum or Steel studs & walers are typically used at these conditions.			
4-Strut Coil Ties	18,000	5-1/3	8-3/4	48"	48"				
1-1/4" She Bolts	18,000	5-1/3	8-3/4	48"	48"				
4-Strut Coil Ties	27,000	5	7	60"	60"				
1-1/4" Taper Ties	34,000	4-2/3	6-3/4	60"	60"				
1-1/2" She Bolts	37,500	5	7	72"	72"				
1-1/2" Taper Ties	40,500	5-1/3	8-3/4	72"	72"				

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