

# BAILEY® SCAFFOLD CLIP (BSC)

The Bailey **SCAFFOLD CLIPS** make scaffold erection and use safer and easier. Manufactured and available from Bailey Metal Products Limited.

Scaffold clips are manufactured from 14ga (.068 min) steel and galvanized with a minimum coating of G60.

- Suitable for use on to wood framed construction
- System Specifically designed for low rise buildings
- Tested using three #8 screws penetrating 2 x 4 wood studs



GAUGE	DESIGN THICKNESS	COATING	YIELD STRENGTH
14 ga	0.068"	G60	50 KSI Min

Product Testing was performed under the supervision of Dr. R.M. Schuster, P.Eng., Dist. Professor Emeritus of Structural Engineering at the University of Waterloo.

Table A1 reports the steel mechanical properties for the BSC clips.



1 SCAFFOLD CLIP, SIDE VIEW

SCALE: 1' = 1'-0"



1 SCAFFOLD CLIP, TOP VIEW

SCALE: 1' = 1'-0"



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**BAILEY®**  
METAL PRODUCTS LIMITED

MONTREAL  
800-263-3455

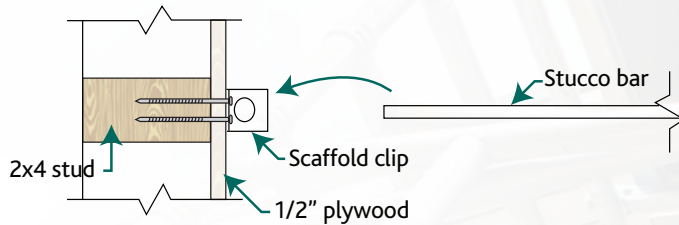
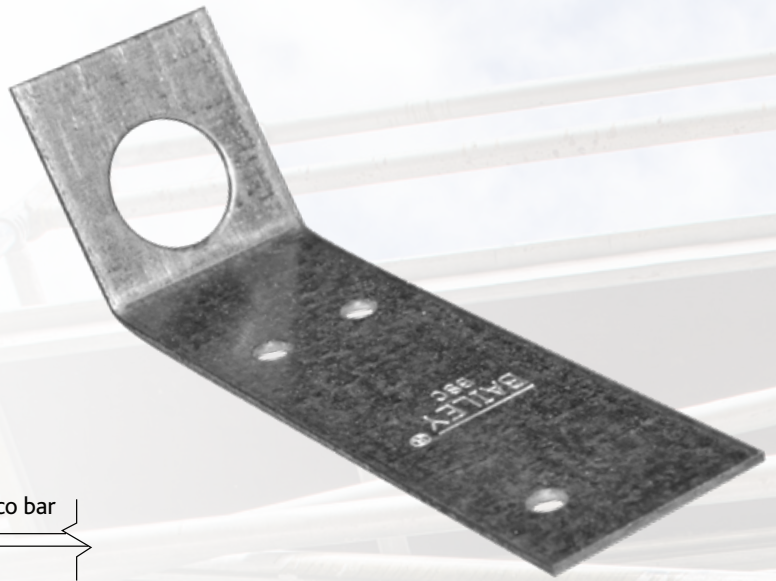
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800-668-2154

CALGARY  
800-665-2013

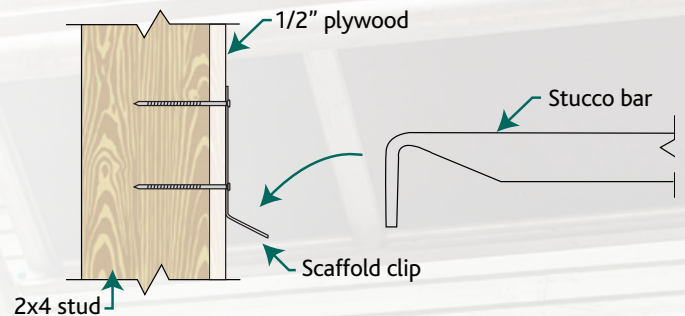
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# BAILEY® SCAFFOLD CLIP (BSC)



2 SCAFFOLD CLIP APPLICATION, TOP VIEW  
SCALE: 6' = 1'-0"



2 SCAFFOLD CLIP APPLICATION, SIDE VIEW  
SCALE: 6' = 1'-0"

t (in)	F <sub>y</sub> (ksi)	F <sub>u</sub> (ksi)	% Elong.
0.0680	57.0	65.5	34.0

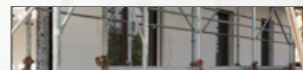
TABLE A2: SHEAR TEST DATA AND RESULTS			
TEST NO.	P <sub>ts</sub> (lb)	P <sub>tsc</sub> (lb)	P <sub>scn</sub> (lb)
1	2748	2159	1576
2	3150	2475	1807
3	3191	2507	1831
4	3006	2362	1724
AVERAGE:	3024	2376	1735
STD	200		
COV	0.0662		
PHI	0.50	Calibrated	
P <sub>scr</sub> = 0.50(1735) = 868 lb			

Table A2 reports Shear Values & A3 reports the Shear and Tension Values

TABLE A3: TENSION TEST DATA AND RESULTS		
TEST NO.	P <sub>tt</sub> (lb)	P <sub>tcn</sub> (lb)
1	1803	1316
2	1745	1274
3	1761	1286
4	1740	1270
5	1704	1244
AVERAGE:	1751	1278
STD	35.9	
COV	0.0205	
PHI	0.53	Calibrated
<b>P<sub>ter</sub> = 0.53(1278) = 677 lb</b>		

A copy of the full report (9 Pages) can be obtained from Bailey Metal Products Limited, by request.

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