



# SUMMIT LABS

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Construction Materials  
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## CONCRETE MASONRY UNITS ASTM C-140

PROJECT NO: 13013 PROJECT NAME: Gagne  
CLIENT: Gagne & Son DATE TEST COMPLETED: 07/10/01  
BLOCK DESCRIPTION: 8" 2-Cell split face blocks.  
AGE: Unknown DATE MADE: Unknown DATE RECEIVED: 07/02/01

STRENGTH					
SPECIMEN NO.	NET AREA (square inches)	LOAD (kips)	COMPRESSIVE STRENGTH (psi)	ASTM C90 REQUIREMENTS (minimum psi)	
13A	67.20	335.0	4,980	1,700 (individual)	
13B	67.20	300.0	4,460		
13C	67.20	298.0	4,430		
AVERAGE:			4,620	1,900 (average of 3)	
ABSORPTION/DRY UNIT WEIGHT					
TEST DESCRIPTION	TEST RESULTS		ASTM C90 REQUIREMENTS Average of 3 Units (maximum)		
AVERAGE ABSORPTION	6.6		13%		
AVERAGE MOISTURE CONTENT (percent of total absorption)	35.7		40%		
DRY UNIT WEIGHT	136.8		-		
MEASUREMENT OF DIMENSIONS					
SPECIMEN NO.	LENGTH (inches)	WIDTH (inches)	HEIGHT (inches)		
13A	15.62	7.75	7.62		
13B	15.62	7.75	7.62		
13C	15.62	7.75	7.62		
			AVERAGE (inches)	ASTM C90 REQUIREMENTS (minimum, inches)	
FACE SHELL THICKNESS (minimum)			1.29	1.25	
WEB THICKNESS (minimum)			1.12	1.00	
EQUIVALENT WEB THICKNESS (per linear foot)			2.95	2.25	
FIRE RESISTANCE RATING (hours) (NCMA TEK 7-1, 1995)			2.1	-	

COMMENTS: *5.5.0*

SIGNED:

Michael A. Smith  
Laboratory Manager