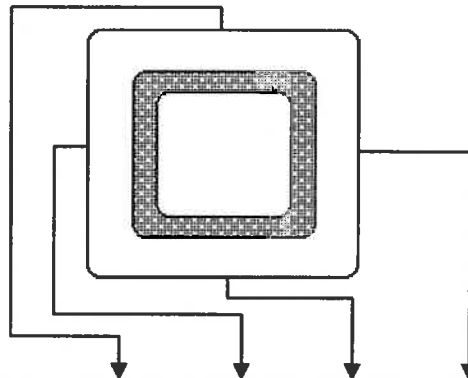


Project Name: Luminato Condominiums
Project Number: 16-0910
Client: Luminato Condominiums, LLC
SFRM Supplier: Grace Construction Products
SFRM Installer: New England Fireproofing, Inc.
Installation Date: Week of 1/9/17



Location	Member Type	Required Thickness	1	2	3	4	Average Thickness
S102, Brace C Retest	HSS 6x6x1/4	2.688	2.813	2.875	2.500	4.000	2.774
			2.750	2.938	2.438	3.750	

ASTM E-605 8.1.2.1

For the purpose of averaging measurements, any measurement 6 mm (1/4 in.) or more, over the required design thickness, shall be recorded as the design thickness plus 6 mm. No individual measured thickness shall be more than 6 mm less, or more than 25 % less, than the required design thickness.

Comments: Retest on brace performed on 2/24/17.

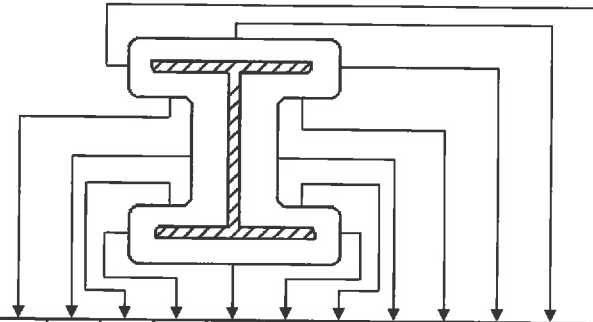
Sampled by: K. Gimpel
 Reviewed by:





**SFRM REPORT ON BEAM OR COLUMN
ASTM E605/E736**

Project Name: Luminato Condominiums
Project Number: 16-0910
Client: Luminato Condominiums, LLC
SFRM Supplier: Grace Construction Products
SFRM Material: Monokote MK-6/HY MK-106/HY
SFRM Installer: New England Fireproofing, Inc.
Installation Date: Week of 1/9/17



Floor No.	Column/Beam No.	Type	Test Date	Spec.													Averages		
					1	2	3	4	5	6	7	8	9	10*	11*	12*	Faces	Flange Tips	Total
2nd Floor Framing	Retest Column B/2	W10x39	2/24/17	2.188	2.000	2.625	2.250	2.000	2.125	1.875	2.063	3.000	1.875	2.000	2.688	1.625	2.199	1.859	2.086
				1.938	2.500	2.125	2.000	2.063	1.875	2.125	2.813	2.000	2.000	2.500	1.500				
2nd Floor Framing	Retest Column B/3	W10x39	2/24/17	2.188	3.250	3.438	2.000	1.813	2.313	1.313	1.750	2.563	1.938	1.813	2.250	1.625	2.191	1.668	2.023
				3.375	3.688	2.063	1.875	2.188	1.375	1.875	2.688	1.938	1.938	2.125	1.750				
Floor No.	Column/Beam No.	Type	Test Date	Spec.	1	2	3	4	5	6	7	8	9	10*	11*	12*	Faces	Flange Tips	Total
Floor No.	Column/Beam No.	Type	Test Date	Spec.	1	2	3	4	5	6	7	8	9	10*	11*	12*	Faces	Flange Tips	Total
Floor No.	Column/Beam No.	Type	Test Date	Spec.	1	2	3	4	5	6	7	8	9	10*	11*	12*	Faces	Flange Tips	Total
Floor No.	Column/Beam No.	Type	Test Date	Spec.	1	2	3	4	5	6	7	8	9	10*	11*	12*	Faces	Flange Tips	Total

* Not required for beams

ASTM E-605 8.1.2.1 For the purpose of averaging measurements, any measurement 6 mm (1/4 in.) or more, over the required design thickness, shall be recorded as the design thickness plus 6 mm. (Averages reflect ASTM guidelines). No individual measured thickness shall be more than 6 mm less, or more than 25 % less, than the required design thickness.

ASTM E-605 8.1.2.1 Note 1- Specific fire resistance rating criteria for beams, trusses, and columns may allow for a reduced thickness on flange lips. These thicknesses are to be averaged apart from other sections of the structural member.

DENSITY

Test Date	Framing Level	Member Type	Member Location	Thickness (in)	Area (in ²)	Density (pcf)	Specification (pcf)

ADHESION/COHESION

Test Date	Framing Level	Member Type	Member Location	Failure Type	Force (lbs)	Bond (psf)	Specification (psf)
2/24/16	Basement	W14x22	2-3, A.1(+8)	Cohesion	175	3038	2000

Comments: 1/2 flange thickness design, faces and flanges averaged separately. Retests performed on 2/24/17 close out punch list items previously noted.

Sampled by: K. Gimpel
 Reviewed by: