

UL/cUL SYSTEM NO. HW-D-0876		
TOP OF WALL JOINT : GYPSUM WALL ASSEMBLY		
ASSEMBLY RATING = 1-HR. OR 2-HR.		
		HWD0876d.032823
L-RATING AT AMBIENT = LESS THAN 1 CFM / LIN FT		032
L-RATING AT 400°F = LESS THAN 1 CFM / LIN FT		.6d.
CLASS II AND III MOVEMENT CAPABILITIES - 50% COMPRESSION OR EXTEN	SION OR	087
66% COMPRESSION ONLY		
		Т
4. TWO LAYERS OF 5/8" THICK GYPSUM BOARD (GLASS MAT FACED - MOISTURE RESIS	TANT) APPL	LIED TO
BOTTOM OF STEEL ATTACHMENT CLIPS. BOARDS CUT TO LENGTH OF STEEL CLIPS A		
EACH CLIP. BASE LAYER ATTACHED TO THE CLIPS USING 1" LONG TYPE S BUGLE-HE		
(SPACED MAX. 12" O/C), MAXIMUM 1" FROM EACH END. OUTER LAYER ATTACHED TO		
LONG TYPE S BUGLE-HEAD STEEL SCREWS (SPACED MAXIMUM 12" O/C), MAXIMUM 1		
BUTTED JOINTS ARE CENTERED OVER CLIPS AND JOINTS IN BASE AND OUTER LAYER		-
JOINTS AND SCREW HEADS IN OUTER LAYER COVERED WITH TWO COATS OF JOINT		
5. UL/cUL CLASSIFIED MONOKOTE TYPE MK-6/HY (MANUFACTURED BY GCP APPLIED TI		
TYPE 300 (MANUFACTURED BY ISOLATEK, INT.) FIREPROOFING SPRAYED ON STEEL B		
(AS APPLICABLE) TO THE THICKNESS SPECIFIED IN THE INDIVIDUAL D700 OR D900 SE		
FIREPROOFING TO COMPLETELY FILL FLUTES ABOVE THE STRUCTURAL STEEL BEAM	•	
MEMBER TO THE MINIMUM THICKNESS OF MATERIAL REQUIRED ON THE FLANGES OF	· STEEL BE/	AM AND
COMPLETELY FILLING THE SPACE BETWEEN THE CLIPS ABOVE THE WALL (SEE NOTE	E NO. 4 BEL	OW).
6. GYPSUM WALL ASSEMBLY (UL/cUL CLASSIFIED U400, V400, OR W400 SERIES) (1-HR. (,
FIRE-RATING) (2-HR. SHOWN).		
7. CEILING RUNNER (MIN. 25 GA., FLANGE HEIGHT OF CEILING RUNNER SHALL BE MININ	/UM 1/4" GF	REATER
THAN MAXIMUM EXTENDED JOINT WIDTH) SECURED TO Z-SHAPED CLIPS WITH STEEL		
MAXIMUM 24" OC (SEE NOTE NO. 3 BELOW).		
8. STEEL STUDS (MINIMUM 3-5/8" WIDE) CUT 1/2" TO 1" LESS IN LENGTH THAN ASSEMBI		літн
BOTTOM NESTING IN CEILING RUNNER WITHOUT ATTACHMENT.		
9. 5/8" OR 1-1/4" THICKNESS GYPSUM WALLBOARD AS SPECIFIED IN THE INDIVIDUAL UL DESIGN. TOP ROW		
OF SCREWS SHALL BE INSTALLED INTO STUD 3-1/2" TO 5-1/2" BELOW THE BOTTOM EDGE OF THE		
		E
10. HILTI CFS-TTS MD OS OR CFS-TTS MD 600 TOP TRACK SEAL INSTALLED OVER CEILI		-
TO ATTACHING TO Z-SHAPED CLIPS, THROUGH GYPSUM BOARD, WITH 2" LONG STEE	L FASTENE	RS AT
MAXIMUM 16" C/C SPACING.		
NOTES : 1. TO ACCOMMODATE MAX 50% COMPRESSION OR EXTENSION, MAXIMUM WI	DTH OF JOI	INT = 1"
2. TO ACCOMMODATE MAX 66% COMPRESSION ONLY, MAXIMUM WIDTH OF J		
3. AS AN ALTERNATE TO CEILING RUNNER IN ITEM 3. SLOTTED CEILING RUN		
USED. CONSULT THE UL FIRE RESISTANCE DIRECTORY FOR APPROVED MA		
		-
4. THE TOTAL THICKNESS OF FIREPROOFING APPLIED TO EACH SIDE OF THE	-	
WEB SHALL BE MINIMUM 13/16" THICKNESS FOR 1-HR. ASSEMBLY RATING		
1-3/8" THICKNESS FOR A 2-HR. ASSEMBLY RATING, WHEN USING MONOKO		· · · ·
AND MINIMUM 11/16" THICKNESS FOR A 1-HR. ASSEMBLY RATING AND MIN	MUM 1-1/2"	
THICKNESS FOR A 2-HR. ASSEMBLY RATING WHEN USING TYPE 300.		
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Hilti Firestop Systems	r. 28, 2023	0876d
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