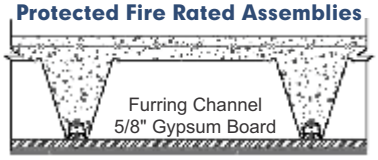
FIRE RESISTANCE & ACOUSTIC PERFORMANCE

ComSlab® FIRE RATINGS & TESTED ACOUSTICAL PERFORMANCE

FIRE SAFETY PERFORMANCE TESTS

Unprotected Fire Rated Assemblies

Protected Fire Rated Assemblies



Underwriters Laboratories
Laboratoires des Assureurs

Underwriters Laboratories

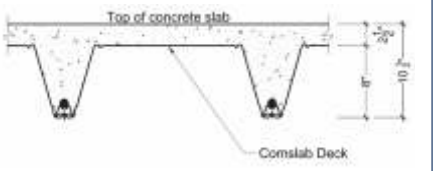
Design No.	Rating HR*	Minimum Concrete Topping	Total Slab Depth	Assembly
ULC D500	2.0	90 mm	293 mm	Protected
ULC F909	1.0	64 mm	267 mm	Unprotected
	1.5	90 mm	293 mm	
ULC F918	2.0	110 mm	313 mm	
UL D504	2.0	3.50 in.	11.5 in.	Protected
UL D930	1.0	2.50 in.	10.5 in.	Unprotected
	1.5	3.50 in.	11.5 in.	
UL D989	2.0	4.25 in.	12.25 in.	

* Valid for both restrained condition (no span limitation) and unrestrained condition (up to 32'10").

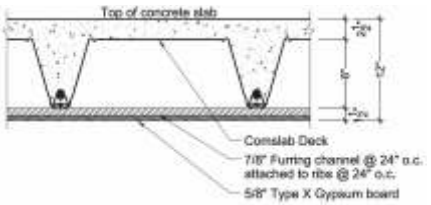
NOTES ON FIRE RESISTANCE RATINGS: All rated assemblies are determined on the basis of results of tests conducted in accordance with **CAN/ULC S101** (Canada) and **UL 263** (USA) fire endurance tests of building construction and materials. Testing conducted using full-scale built floors, loaded to capacity and subjected to the standard time-temperature curve of 1,260°C.

ACOUSTICAL PERFORMANCE

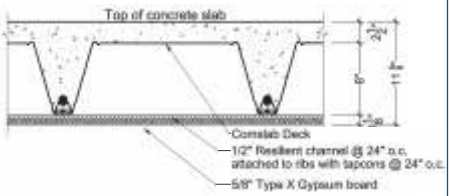
STC 47 NGC # 5009077
IIC 21 NGC # 7009076



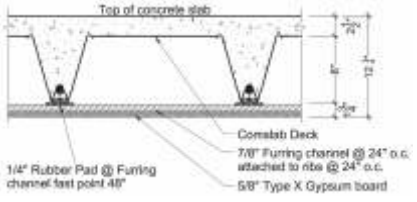
STC 56 NGC # 5009050



STC 58 NGC # 5009047

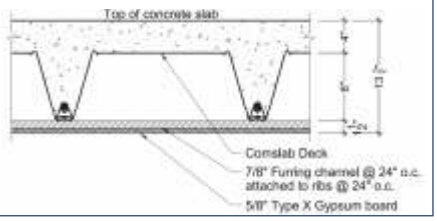


STC 59 NGC # 5009048
IIC 33 NGC # 7009078

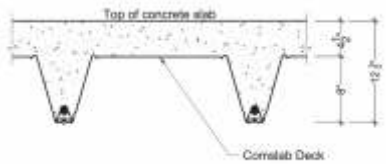


STC 49 NGC # 5014012

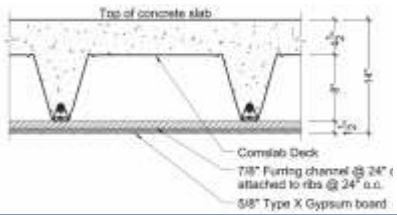
STC 58 NGC # 5014013
IIC 31 NGC # 7014020



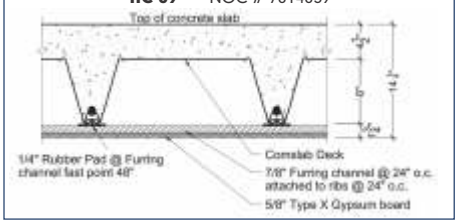
STC 51 NGC # 5014039



STC 57 NGC # 5014038



STC 61 NGC # 5014048
IIC 39 NGC # 7014059



NOTES ON ACOUSTICAL PERFORMANCE: Acoustic tests are based on **ASTM E90 (STC)** and **ASTM E492 (IIC)**. Sound loss and sound transmission are measured by a series of instruments from which the ratings are calculated for design.