

TESTED ASSEMBLY

Top of Concrete slab

11 5/8"

2 1/2"

8"

1 1/8"

24"

ComSlab® deck

1/2" Resilient Channel @ 24" O.C. attached to ribs with tapcon fastener.

5/8" Type X Gypsum Board

REPORT NO: 7009076

TESTED ASSEMBLY

The diagram illustrates a cross-section of a tested assembly. It features a concrete slab with a trapezoidal void. The total height of the slab is 12 inches. The void has a depth of 8 inches. The top of the slab is finished with Carpet & Underpad floor finish. The bottom of the slab is finished with a ComSlab® deck. A 7/8" Furring Channel @ 24" O.C. is attached to the ribs with tapcon fasteners. The furring channel is 24 inches wide. The bottom of the furring channel is finished with 5/8" Type X Gypsum Board. The bottom of the slab is finished with 1 1/2 inches of concrete. The top of the slab is finished with 2 1/2 inches of concrete.

Carpet & Underpad floor finish

12"

2 1/2"

8"

1 1/2"

ComSlab® deck

7/8" Furring Channel @ 24" O.C. attached to ribs with tapcon fastener.

24"

5/8" Type X Gypsum Board

REPORT NO: 7009083

TESTED ASSEMBLY

The diagram illustrates a cross-section of a floor assembly with the following layers and dimensions:

- Top Layer:** 5/16" [8mm] Soft Step -Rubber pad
- Insulation:** 3" x 16" Roxul Insulation on top; 3" x 24" Roxul Insulation cut to fit between the ribs.
- Tile Layer:** Tile w/grout and cement
- Quiet Down:** 3/16" [4mm] Quiet down Rubber pad
- Floor Finish:** Top of Floor Finish
- Deck:** ComSlab® deck
- Furring:** 7/8" Furring Channel @ 24" O.C. attached to ribs with tapcon fastener.
- Gypsum Board:** 5/8" Type X Gypsum Board

Dimensions:

- Overall height: 12"
- Top section height: 1"
- Section height: 2 1/2"
- Section height: 8"
- Section height: 1 1/2"
- Channel spacing: 24"

REPORT NO: 7009141

TESTED ASSEMBLY

Carpet & Underpad floor finish

11 ¹/₈"

2 ¹/₂"

8"

1 ¹/₈"

ComSlab® deck

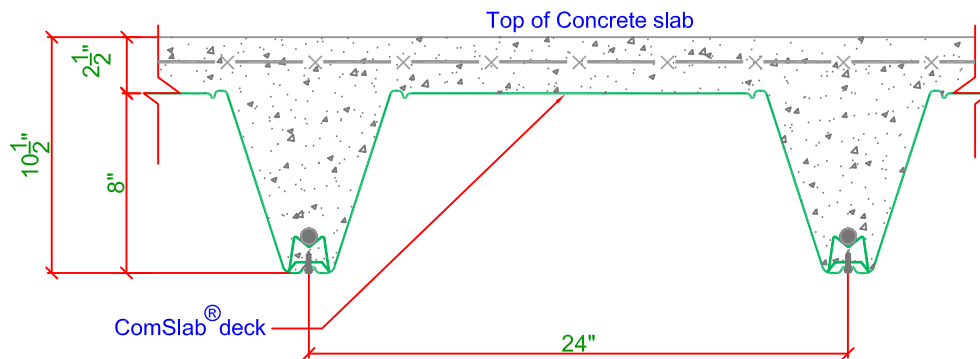
1/2" Resilient Channel @ 24" O.C. attached to ribs with tapcon fastener.

24"

5/8" Type X Gypsum Board

REPORT NO: 7009077

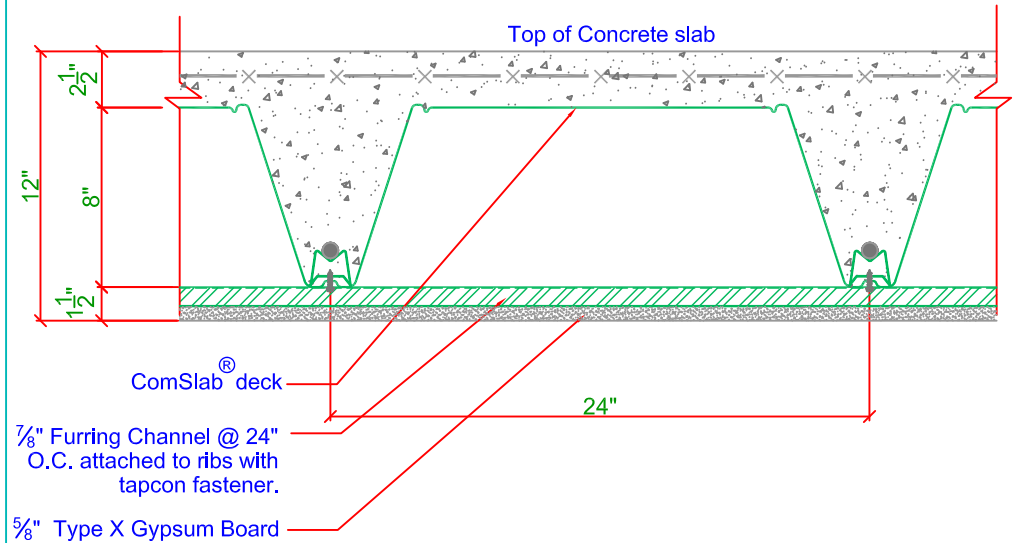
TESTED ASSEMBLY



RESULT: STC 47

REPORT NO: 5009077

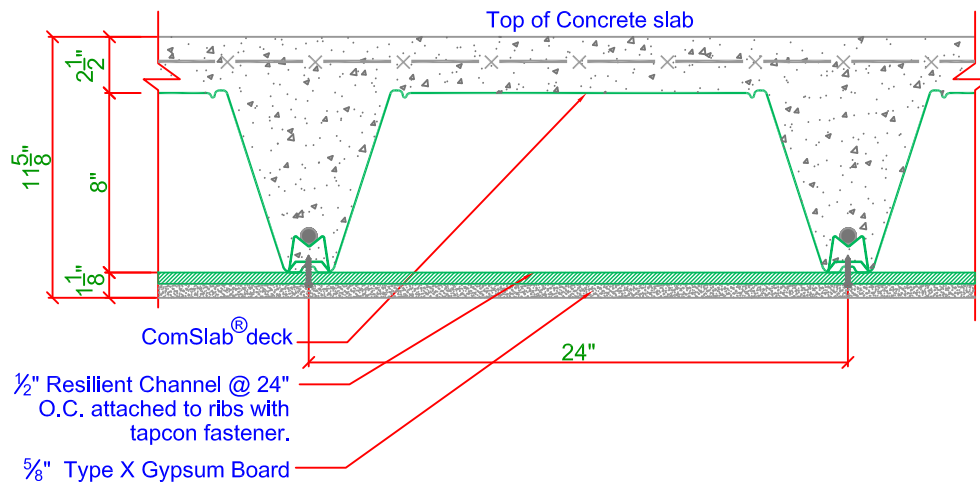
TESTED ASSEMBLY



RESULT: STC 56

REPORT NO: 5009050

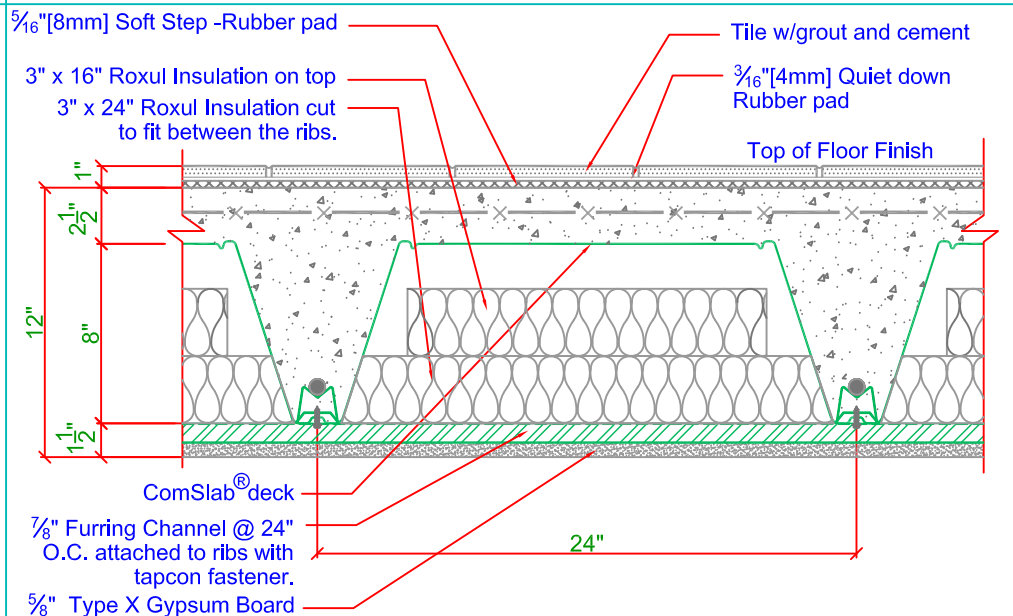
TESTED ASSEMBLY



RESULT: STC 58

REPORT NO: 5009047

TESTED ASSEMBLY



RESULT: STC 60

REPORT NO: 5009076



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PROJECT:

TYPICAL DETAILS

TITLE:

ComSlab Acoustical Performance
Tested Assemblies with STC and IIC ratings

PROJECT NO:

DATE: FEB 17, 2012

DRAWN BY: M.A.

CHECK BY: A.A.

SCALE: NOT TO SCALE

DRAWING NO:

1.1