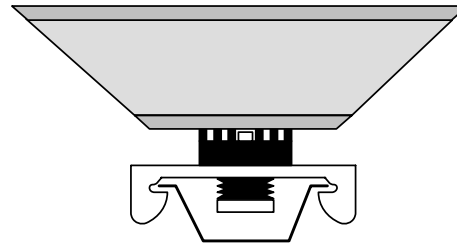


# RSIC-1 ACOUSTIC ASSEMBLY

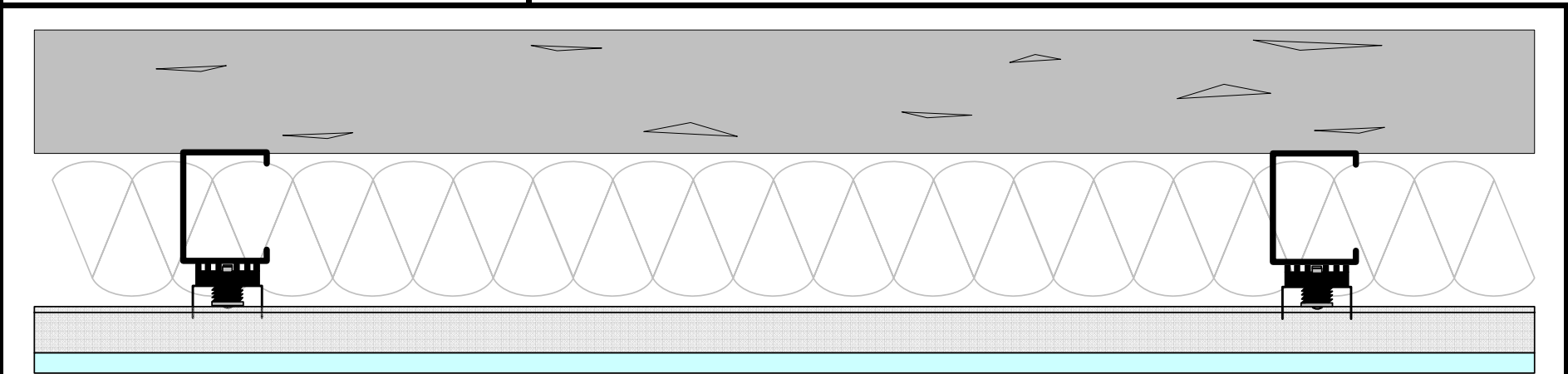
## FLOOR/CEILING ASSEMBLY



### DROPPED CEILING UNDER CONCRETE





**FCS IIC 52 STC 71**



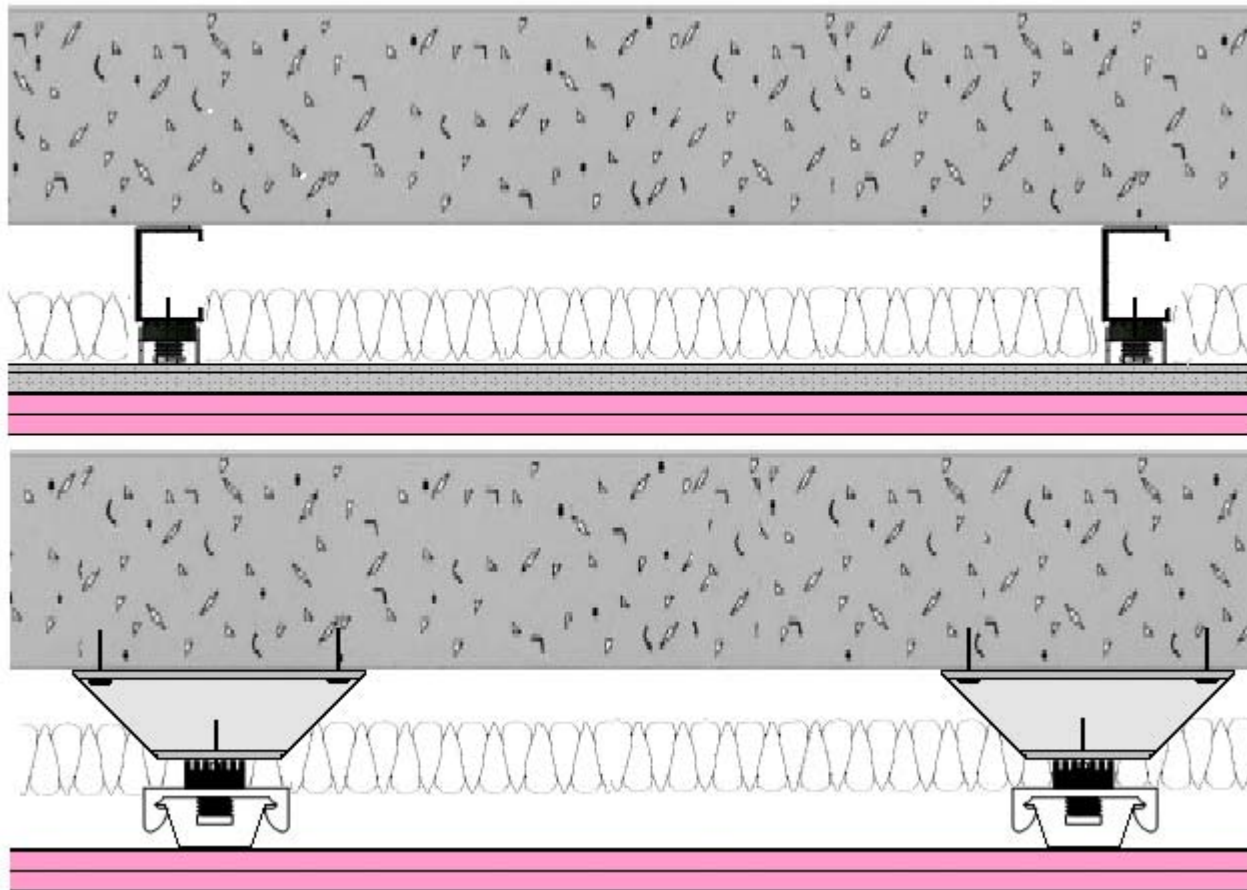
### CONSTRUCTION

- Carpet
- 8" pt Slab
- 2.5" Steel studs cut into 8" sections cut at 45 Deg
- 3.5" Glass fiber insulation
- RSIC-1 clip sattached to 2.5" Steel Studs
- 7/8" Drywall Furring Channel at 24" oc.
- 1 layer 5/8" gypsum board

	
<b>SOUND TRANSMISSION CLASS</b>	<b>Fire resistance ratings Non Combustible</b>
<b>71 (Insul 6.0)</b>	<b>IMPACT ISOLATION CLASS</b>
	<b>52</b>

# PAC International, Inc. RSIC Noise Control Solutions

Cut 16 Ga. 2.5" steel "C" stud into 8" pieces with 45 deg angles for each RSIC-1 clip. The steel "C" could then be installed into the ceiling using a track fast gun, or similar powder actuated mounting system. The RSIC-1 clips would then be installed to the steel "C" sections. The cavity would then need to be insulated, snap in the 7/8" drywall furring channels, and install the gypsum board. This system allows for a 4-1/8" drop between the bottom of the concrete, and the face of the gypsum board. This is a possible option to using the RSIC-1 ADM.



2.5" x 16 Ga steel "C" stud cut at 45 deg angles to allow for fasteners. 8" long  
(Optional 16Ga "J" Track cut to 8" lengths)

