

## AcoustiTECH Systems

### Alternative assemblies to Gypcrete or Concrete Topping

AcoustiTECH offers expert guidance and innovative dry systems to:

- Reduce the possibility of acoustic complaints or lawsuits
- Increase customers positive perception of wood frame building
- Environmentally friendly / sustainable solutions (example: low embodied carbon emissions)
- Drastically reduce weight
- Remove moisture in the building
- Better on-site sequencing (save time)
- Remove use of a self-leveler
- Smooth supply process

### Product Testing

Each assembly is fully backed by third-party testing:

#### Option #1

##### **Assembly**

- Floated Floor

##### **Soprema Insonofloor BB**

- 5/8" T&G Plywood
- Wood Joists
- Acoustic Insulation

##### **Soprema Acoustivibe Gypsum Suspensions**

- Two (2) Layers of 5/8" Gypsum Board

##### **Estimated Rating\***

- AIIIC 52-55
- ASTC 53-56



\* Everything is in the details, contact your Acousti-TECH expert to optimize your assembly

# AcoustiTECH Systems

Alternative Assemblies

# Acousti TECH

## Option #2

### Assembly

- Floor Finish
- Fermacell 2E32**
- 5/8" T&G Plywood
- Wood Joists
- Acoustic Insulation
- Resilient Channels @ 16" o.c.
- Two (2) Layers of 5/8" Gypsum Board

### Estimated Rating\*

- AIIIC 54-59
- ASTC 55-60

\* Everything is in the details, contact your Acousti-TECH expert to optimize your assembly



## Option #3

### Assembly

- Floated Floor (min 10 mm)
- Soprema ACOUSTIBOARD**
- 5/8" T&G Plywood
- Wood Joists
- Acoustic Insulation
- Resilient Channels @ 16" o.c.
- Two (2) Layers of 5/8" Gypsum Board

### Estimated Rating\*

- AIIIC 53-56
- ASTC 54-56

\* Everything is in the details, contact your Acousti-TECH expert to optimize your assembly



# AcoustiTECH Systems

Alternative Assemblies

# Acousti TECH

## Option #4

### Assembly

- Floated Floor (min 10mm)

### Soprema ACOUSTIBOARD

- 5/8" T&G Plywood
- Wood Joists
- Acoustic Insulation

### Soprema Acoustivibe Gypsum Suspensions

- Two (2) Layers of 5/8" Gypsum Board

### Estimated Rating\*

- AISC 57-61
- ASTC 56-59



\* Everything is in the details, contact your Acousti-TECH expert to optimize your assembly

## Option #5

### Assembly

- Floor Finish

### Fermacell 2E32

- 5/8" T&G Plywood
- Wood Joists
- Acoustic Insulation

### Soprema Acoustivibe Gypsum Suspensions

- Two (2) Layers of 5/8" Gypsum Board

### Estimated Rating\*

- AISC 58-62
- ASTC 59-61



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