

## ACOUSTICAL CEILING SYSTEM

### INTRODUCTION

STURFRAME® Acoustic Ceiling System is designed for higher sound insulation demand environments. The system consists gypsum boards, isolation spring hangers and rock mineral wool, and is installed on economical suspended drywall ceiling grids by using traditional drywall techniques.

### CHARACTERISTICS

- For interior applications
- Monolithic appearance with fine finishing
- System installed on economical and traditional techniques
- Meets standard of ASTM E90

### APPLICATIONS

- Auditoriums
- Conference Rooms
- Classrooms
- Hotels
- Lobbies
- Museums
- Offices
- Restaurants

### MAIN SYSTEM PARTS



G. Gypsum Board



R. Rock Mineral Wool



H. Spring Hanger

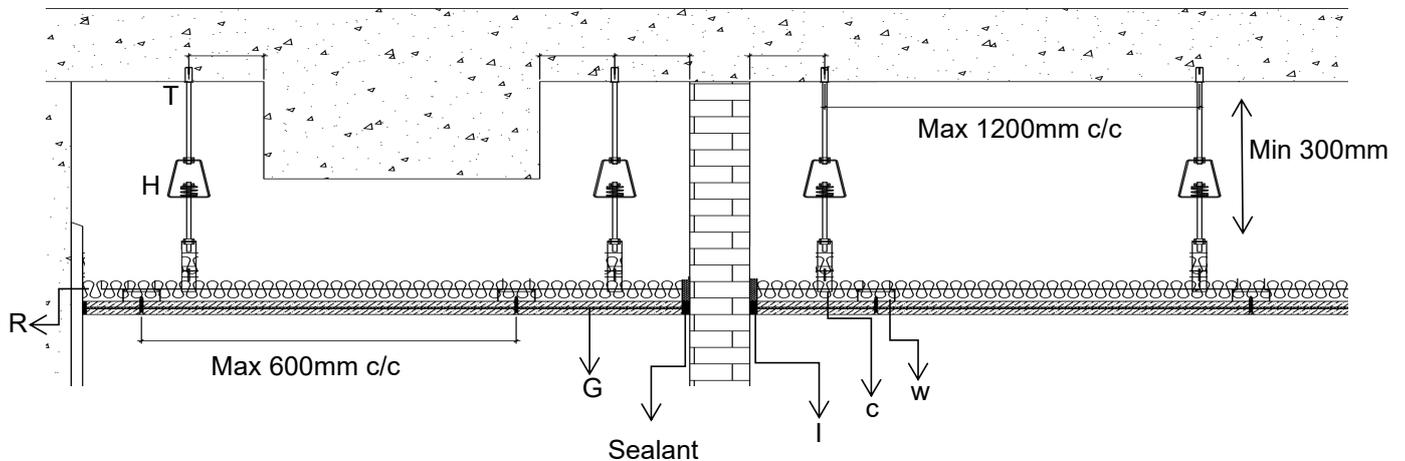


W. W-Bar



C. C-Channel

### SYSTEM SPECIFICATIONS

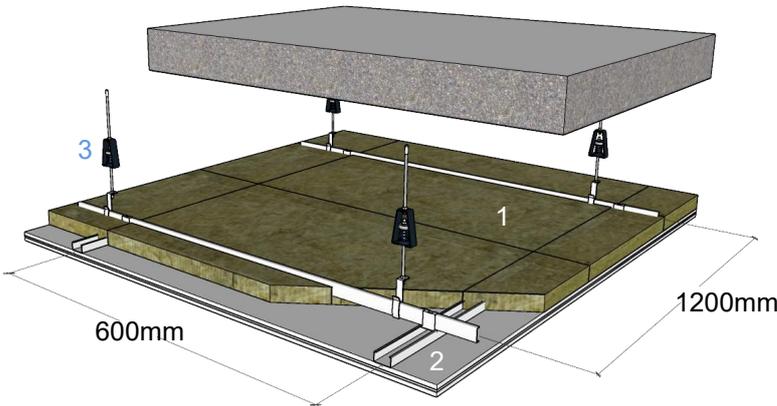


- T. Threaded Rod & Anchor Bolt
- H. STURFRAME® Spring Hanger
- R. Red moat® Rock Mineral Wool
- G. 2 Layers of 12mm Gypsum Board
- C. STURFRAME® C-Channel at Max. 1200mm c/c
- W. STURFRAME® W-Bar at Max. 600mm c/c
- I. Green-fom® Isolation Rubber

# ACOUSTICAL CEILING SYSTEM

# STURFRAME®

## Sound Insulation Performance

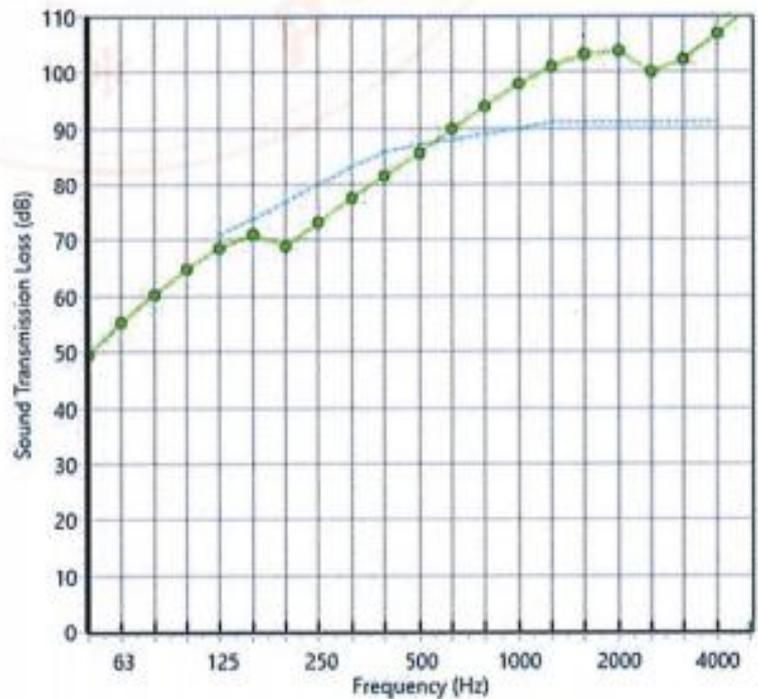


### STC 87

#### System Description:

1. 50mm/60kg/m<sup>3</sup> Red moat® Rock Mineral Wool
2. 2 Layers of 12mm Gypsum Board
3. STURFRAME® 30kg Spring Hanger

freq.(Hz)	TL(dB)	TL(dB)
50	50	
63	55	53
80	60	
100	65	
125	69	67
160	71	
200	69	
250	73	72
315	77	
400	82	
500	86	84
630	90	
800	94	
1000	98	97
1250	101	
1600	103	
2000	104	102
2500	100	
3150	102	
4000	107	105
5000	111	



● Transmission Loss(dB) ● STC 87



Star Beat

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