

## PREMIUM M1 CEILING SOUNDPROOFING FRAME SYSTEM

from Album of Typical Technical Solution  
TechnoSonus and NIISF version  
TS/01.2020/RD/S/R4 type TS-3.5



SYSTEM  
THICKNESS  
**98.5 mm**



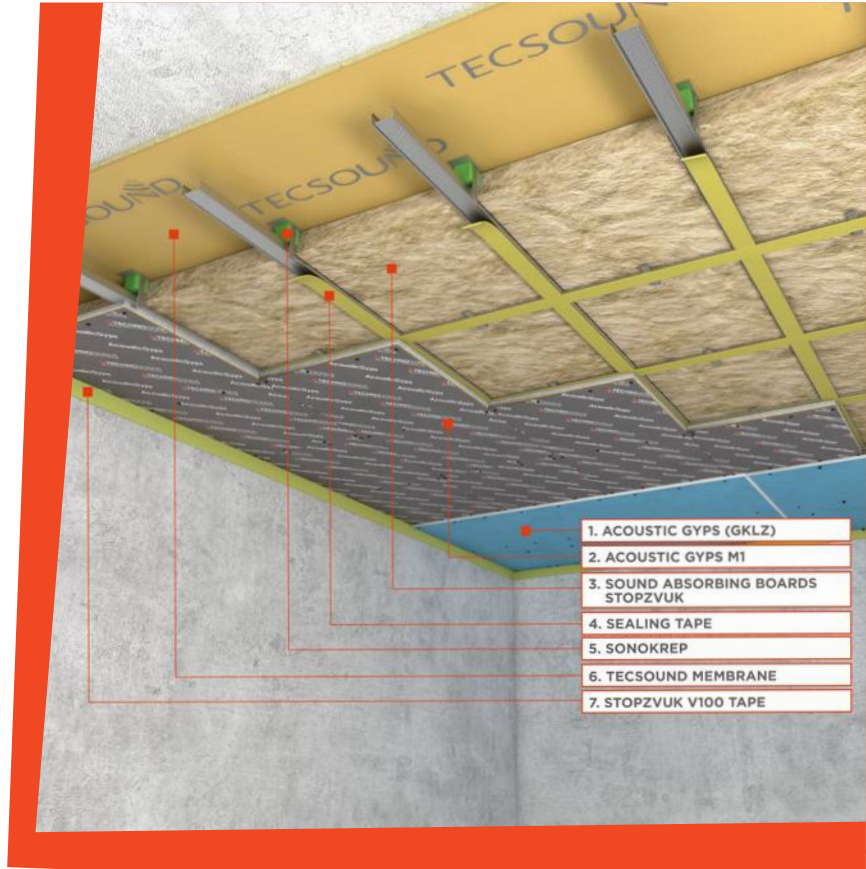
GENERAL CONSTRUCTION  
SOUND REDUCTION INDEX  
**Rw = 75 dB**



AIRBORNE  
SOUND REDUCTION  
IMPROVEMENT INDEX  
**▲ Rw = 24 dB**



IMPACT  
SOUND REDUCTION  
IMPROVEMENT INDEX  
**▲ Lnw = 21 dB**



1. ACOUSTIC GYPS (GKLZ)
2. ACOUSTIC GYPS M1
3. SOUND ABSORBING BOARDS STOPZVUK
4. SEALING TAPE
5. SONOKREP
6. TECSOUND MEMBRANE
7. STOPZVUK V100 TAPE

### DESCRIPTION

The highest level soundproofing system is the most effective. It may be used in multi-apartment residential buildings and apartments of enhanced comfort, in special purpose facilities (recording studios, conference rooms, movie and concert halls, restaurants, karaoke-bars, etc.). The system reduces all frequency range sound transmission through walls and floors and ceilings and makes the sounds inaudible for humans (at the sound volume of up to 80-85 dB). The main system elements are AcousticGyps M1 boards.

### COMPONENTS

Material	Coefficient per 1 m <sup>2</sup> *
AcousticGyps M1 Sound-Insulating Panel (1.2m x 0.5m x 17mm) 0.6m <sup>2</sup>	1,4400
Tecsound FT 55 Membrane (5,5m x 1,2m x 13mm) 6,6m <sup>2</sup>	0,1591
StopZvuk BP Premium Sound Absorbing Board (1m x 0.6m x 50mm) 4pcs., 2.4m <sup>2</sup>	0,4167
Sonokrep EP 20 Anti-Vibration Hanger	3,3000
Sonetic Vibroacoustic Sealant, 310ml	0,2500
Bautger Adhesive, 10 l / 8kg container	0,0250
Disk-shaped Dowel Nail (10mm x 70mm) 100 pcs.	0,0500
Vibration Cushioning Band V-100 (30m x 100mm x 4mm)	0,0450
Reinforced Tape (50m x 50mm)	0,0380
Tecsound Band (6mm x 50mm x 2,6mm)	0,5500
AcousticGyps PPN Reinforced Profile 27/28, 3m	0,4500
AcousticGyps PP Reinforced Profile 60/27, 3m	1,2000
AcousticGyps Soundproofing Gypsum Board (2m x 1.2m x 12.5mm) 2.4m <sup>2</sup>	0,9167
Self-Threading Screw TC-XTN 3.9x55 (500 pcs.)	0,0800
Self-Threading Screw TC-XTN 3.9x38 (500 pcs.)	0,0500
Self-Threading Screw TC-MM 4.2x13 (1000 pcs.)	0,0150
AcousticGyps single-level connector (Crab) for PP 60/27	4,0000
AcousticGyps extension for PP 60/27	0,6000
Dowel Nail TC-DG 6/60 (100 pcs.)	0,0700

\*Coefficients are advisory in nature, calculated empirically