

## STANDARD M CEILING SOUNDPROOFING FRAME SYSTEM

from Album of Typical Technical Solution  
TechnoSonus and NIISF version  
TS/01.2020/RD/S/R4 type TS-3.3



SYSTEM  
THICKNESS  
**91 mm**



GENERAL CONSTRUCTION  
SOUND REDUCTION INDEX  
**Rw = 71 dB**



AIRBORNE  
SOUND REDUCTION  
IMPROVEMENT INDEX  
**▲ Rw = 20 dB**



IMPACT  
SOUND REDUCTION  
IMPROVEMENT INDEX  
**▲ Lnw = 16 dB**



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

### DESCRIPTION

The second-level soundproofing system. The most common and demanded system. It is recommended for use in multi-apartment residential buildings of enhanced comfort, hotels, hospitals, health centres, etc. The system ensures the best soundproofing effect against airborne noise and significantly reduces structure-borne noises. The main system elements are viscoelastic membranes Tecsound.

### COMPONENTS

Material	Coefficient per 1 m <sup>2</sup> *
Tecsound SY 70 Membrane (5m x 1.22m x 3.7mm) 6.1m <sup>2</sup>	0,1721
TermoZvukolzol Standard Soundproofing Mat (10m x 1.5m x 14mm) 15m <sup>2</sup>	0,0767
StopZvuk BP Premium Sound Absorbing Board (1m x 0.6m x 50mm) 4pcs., 2.4m <sup>2</sup>	0,4167
Sonokrep Protector Anti-Vibration Hanger	3,3000
Sonetic Vibroacoustic Sealant, 310ml	0,2500
Bautger Adhesive, 10 l /8kg container	0,0250
Vibration Cushioning Band V-100 (30m x 100mm x 4mm)	0,0450
Reinforced Tape (50m x 50mm)	0,0380
Sealing Band DB (30m x 50mm x 2.5mm)	0,1235
Vibration Isolation Washer (14mm x 5mm) + Metal Washer (M6) 50 pcs.	0,1429
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 3.9x38 (500 pcs.)	0,0800
Self-Threading Screw TC-XTN 3.9x23 (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