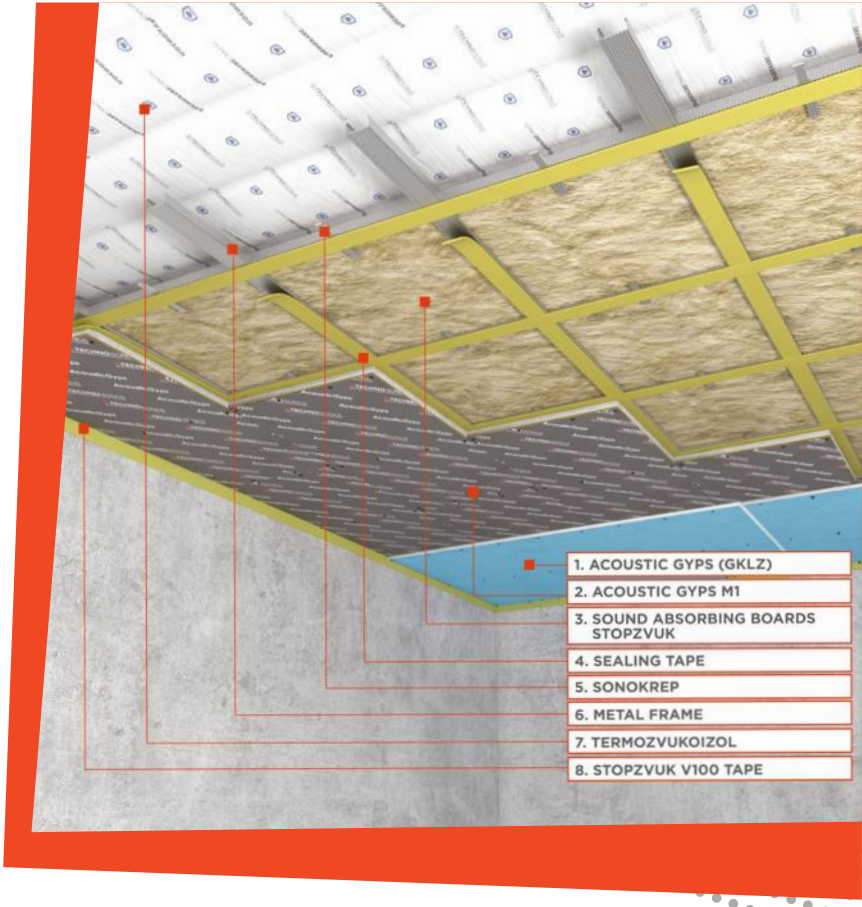
TECHNO SONUS

architectural and construction acoustics

STANDARD M1

CEILING SOUNDPROOFING FRAME SYSTEM

from Album of Typical Technical Solution
TechnoSonus and NIISF version
TS/01.2020/RD/S/R4 type TS-3.4



SYSTEM THICKNESS
90.5 mm

GENERAL CONSTRUCTION SOUND REDUCTION INDEX
Rw = 73 dB

AIRBORNE SOUND REDUCTION IMPROVEMENT INDEX
▲ Rw = 22 dB

IMPACT SOUND REDUCTION IMPROVEMENT INDEX
▲ Lnw = 16 dB

DESCRIPTION

The higher-level soundproofing system. It is used 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 composite soundproofing membranes AcousticGyps M1.

COMPONENTS

Material	Coefficient per 1 m² *
AcousticGyps M1 Sound-Insulating Panel (1.2m x 0.5m x 17mm) 0.6m²	1,4400
TermoZvukoIzol Standard Soundproofing Mat (10m x 1.5m x 14mm) 15m²	0,0700
StopZvuk BP Premium Sound Absorbing Board (1m x 0.6m x 50mm) 4pcs., 2.4m²	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) 2.4m²	0,4583
Self-Threading Screw TC-XTN 3.9x55 (500 pcs.)	0,0800
Self-Threading Screw TC-XTN 3.9x38 (500 pcs.)	0,0800
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

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