

BASIC 1 PARTITION SOUNDPROOFING SYSTEM

from Album of Typical Technical Solution
TechnoSonus and NIISF version
TS/01.2020/RD/S/R4 type TS-1.1



SYSTEM
THICKNESS
104 mm



GENERAL CONSTRUCTION
SOUND REDUCTION INDEX
Rw = 52 dB



DESCRIPTION

Basic soundproofing system for rooms partitioning. Used in hotels, offices, conference rooms, manufacturing departments, etc. The system ensures the reduction of neighbourhood noise values to the standard values, specified in SP 5.13330.2011 "Noise Protection (SNiP Revised Version 23-03-2003). The main system elements are Reinforced Soundproofing Gypsum Boards AcousticGyps.

COMPONENTS

Material	Coefficient per 1 m ² *
StopZvuk BP Premium Sound Absorbing Board (1m x 0.6m x 50mm) 4pcs., 2.4m ²	0,4167
Sonetic Vibroacoustic Sealant 310ml	0,5000
Vibration Cushioning Band V-100 (30m x 100mm x 4mm)	0,0450
Vibration Isolation Washer (14mm x 5mm) + Metal Washer (M6) 50 pcs.	0,1429
Sealing Band DB (30m x 50mm x 2.5mm)	0,2470
AcousticGyps PN Reinforced Profile 50/40, 3m	0,4500
AcousticGyps PS Reinforced Profile 50/50, 3m	1,6000
AcousticGyps Soundproofing Gypsum Board (2m x 1.2m x 12.5mm) 2.4m ²	1,8333
Self-Threading Screw TC-XTN 3.9x23 (500 pcs.)	0,1000
Self-Threading Screw TC-XTN 3.9x38 (500 pcs.)	0,1600
Self-Threading Screw TC-MM 4.2x13 (1000 pcs.)	0,0150
Dowel Nail TC-DG 6/60 (100 pcs.)	0,0700

*Coefficients are advisory in nature, calculated empirically