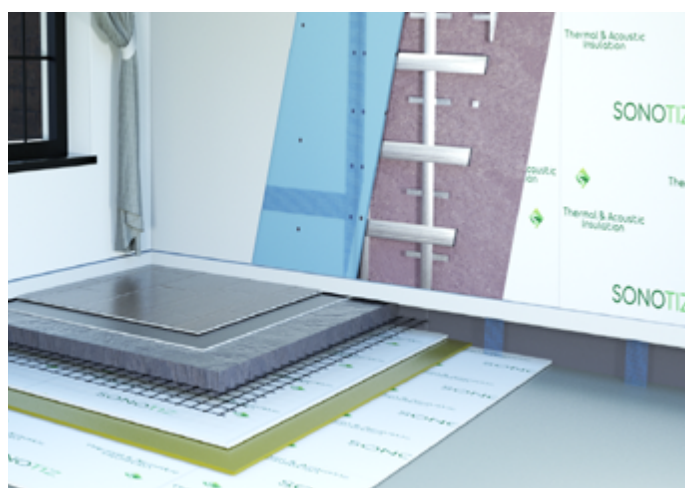


INSULATION MATERIALS / ACCESSORIES

SONOTIZ – AT

Sonotiz AT consists of SONO Eco mat covered with a non-woven protective material. SONO Eco itself consists entirely of fiberglass, manufactured using a mechanical pressing system that allows the fibers to create a bonded product without binders. In addition, the precise cutting of long glass fibers provides maximum density, excellent insulation and robust physical qualities at temperatures up to 650°C.

The top and bottom layers of spunbond provide a decoupling layer that helps protect against tile and cement cracking from floor movement.



After cleaning the surface of debris and dust, the SONOTIZ mat is placed lengthwise. It is necessary to cut the material with a margin so that its ends face the walls. So we measure the required length and to this add the dimensions of the “Edge” (the height is determined by the thickness of the screed plus at least 5 cm extra).

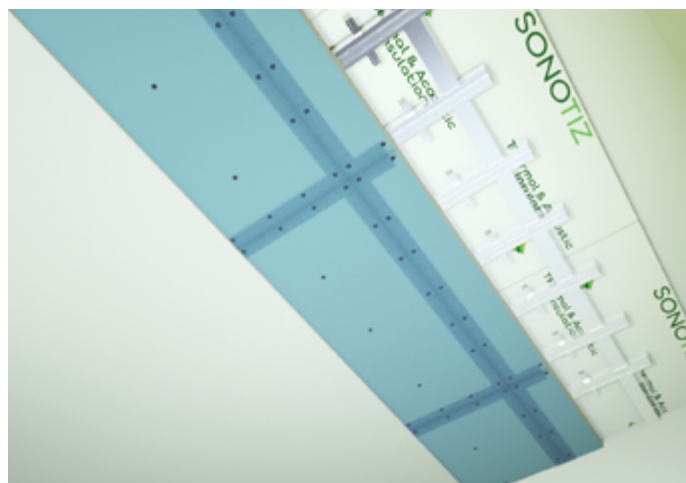
We place the next mat along the first, making an overlap of about 5 cm and thus cover the entire floor. As a result, we get the appearance of a bowl, into which the screed is poured (minimum screed thickness of 50 mm or 80 kg per m²). After leveling, the remaining excess must be cut and insulated.

Technical Data

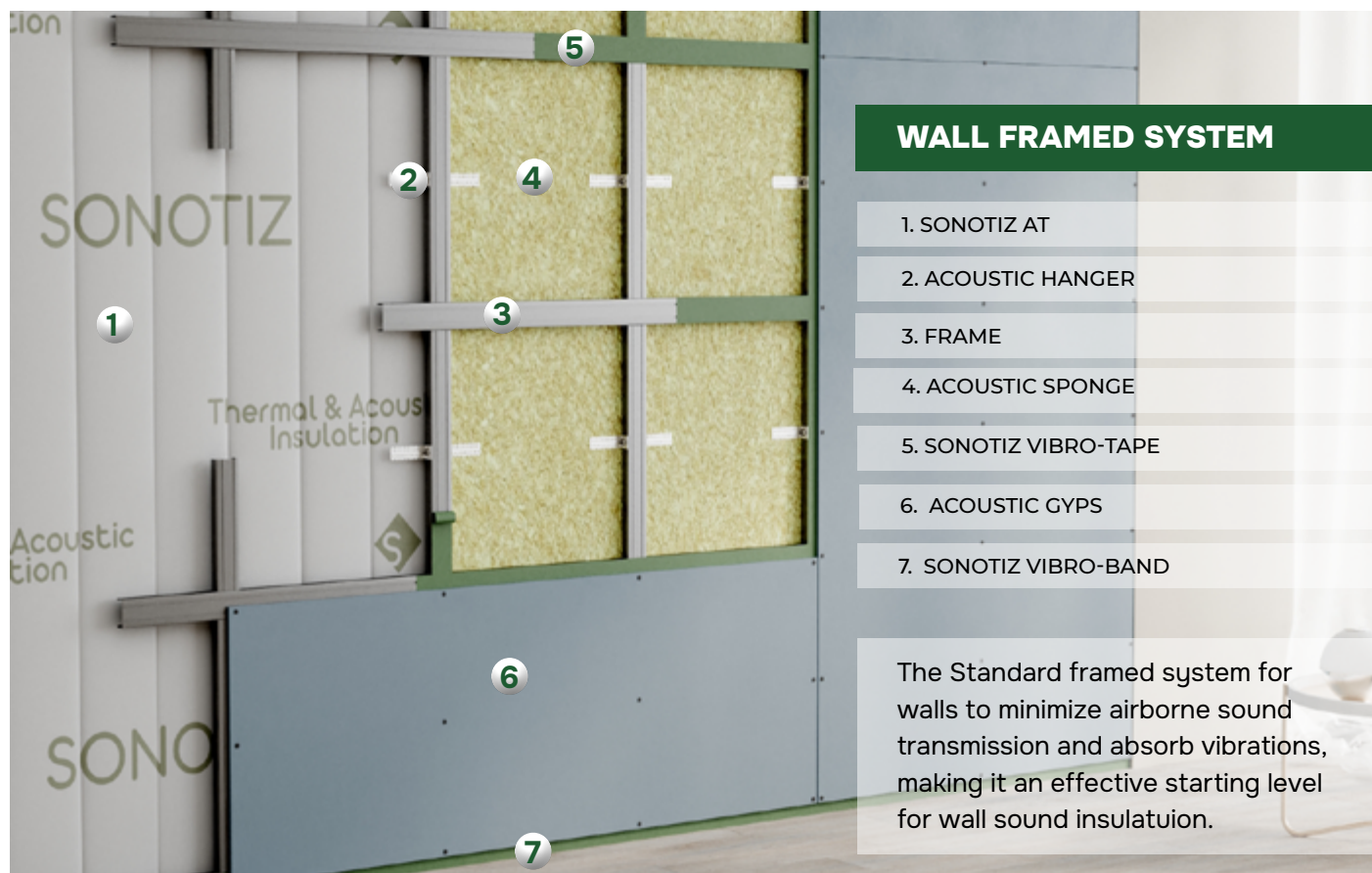
	Units	AT 12
Thickness	[mm]	12±15%
Density	[kg/m ³]	1.6±10%
Weight	[kg/roll]	22±0.5
Width	[m/roll]	1.5±0.1%
Length	[m/roll]	10±1%
Surface	[m ² /roll]	15
Fiziology		not dangerous
Toxicology		not dangerous
Fiber Type		E-Glass
Combustibility		non-combustible A2:S1:d0



Impact sound reduction of 24 dB according to DIN EN ISO 10140-1,2,3,4,5:2021-09



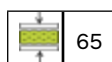
SYSTEM APPLICATION METHODS:



WALL FRAMED SYSTEM

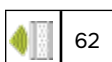
1. SONOTIZ AT
2. ACOUSTIC HANGER
3. FRAME
4. ACOUSTIC SPONGE
5. SONOTIZ VIBRO-TAPE
6. ACOUSTIC GYPS
7. SONOTIZ VIBRO-BAND

The Standard framed system for walls to minimize airborne sound transmission and absorb vibrations, making it an effective starting level for wall sound insulation.



65

SYSTEM THICKNESS, mm



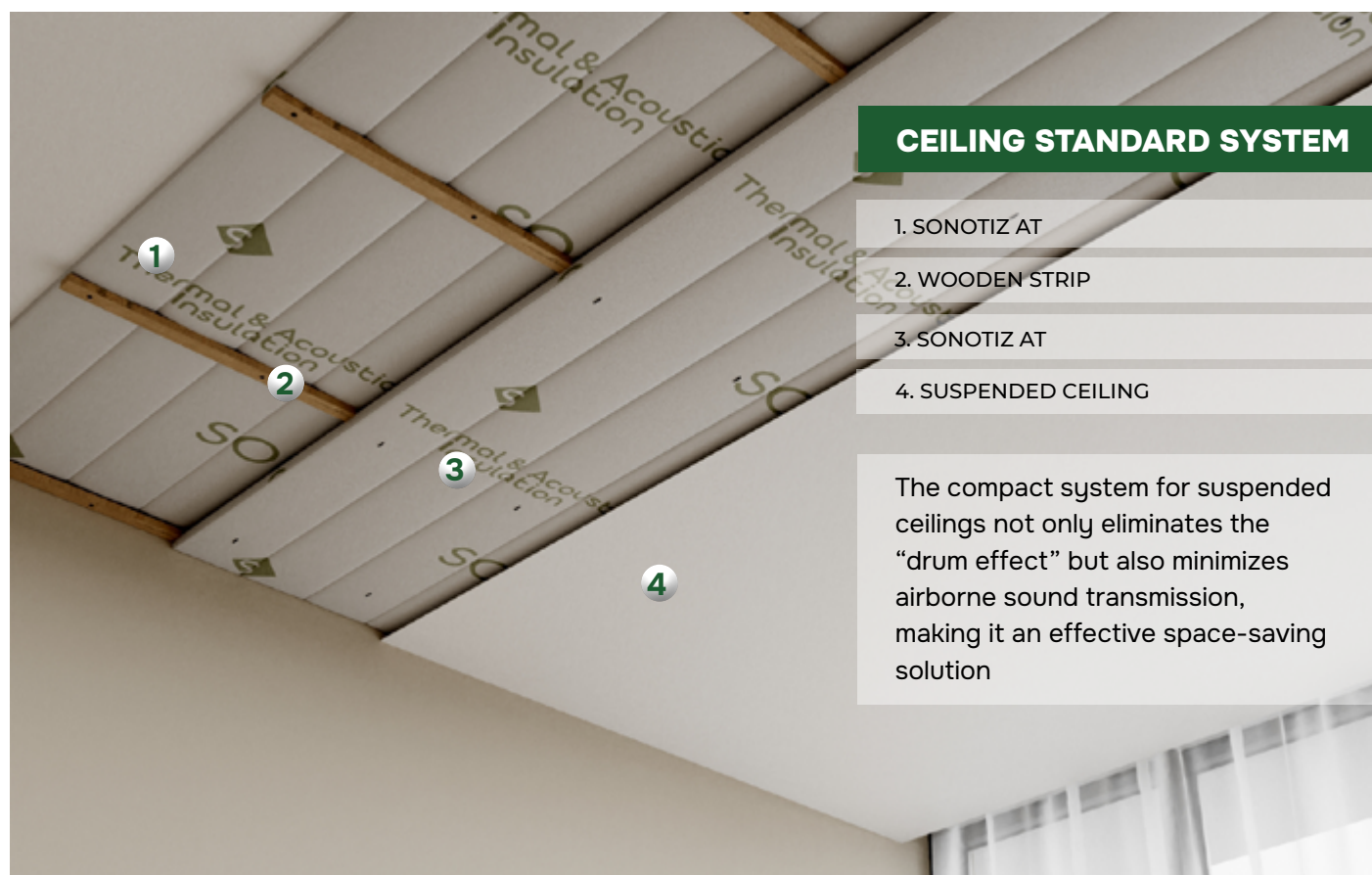
62

AIRBORNE SOUND REDUCTION, dB



12

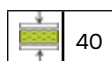
AIRBORNE SOUND REDUCTION IMPROVEMENT, dB



CEILING STANDARD SYSTEM

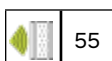
1. SONOTIZ AT
2. WOODEN STRIP
3. SONOTIZ AT
4. SUSPENDED CEILING

The compact system for suspended ceilings not only eliminates the "drum effect" but also minimizes airborne sound transmission, making it an effective space-saving solution



40

SYSTEM THICKNESS, mm



55

AIRBORNE SOUND REDUCTION, dB



4

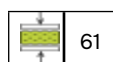
AIRBORNE SOUND REDUCTION IMPROVEMENT, dB

STANDARD SYSTEM FLOATING SCREED

SONO UNDERSCREED

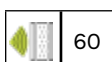
1. SONTIZ AT
2. FGM 140 g/m²
3. SCREED
4. SONOFOL PE A

This system is known for its excellent price-to-performance ratio, is widely utilized in residential as well as various state and commercial establishments. Its primary function is to reduce the transmission of impact noise to lower-level rooms, ensuring that it complies with standard values.



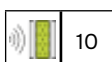
61

SYSTEM THICKNESS, mm



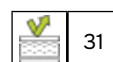
60

AIRBORNE SOUND REDUCTION, dB



10

AIRBORNE SOUND REDUCTION IMPROVEMENT, dB



31

IMPACT SOUND REDUCTION, dB

SONO UNDERSCREED PLUS

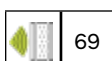
1. SONTIZ AT
2. SONOTECH MEMBRANE
3. SONTIZ AT
4. FGM 140 g/m²
5. SCREED
6. SONOFOL PE A

This highly efficient system is designed for reducing both structure-borne noise levels and airborne noise insulation across the entire frequency spectrum. It is particularly recommended for enhancing comfort in apartments, spaces where musical instruments are played, areas requiring engineering equipment installation, as well as in venues such as cinema and concert halls, restaurants and cafes.



92

SYSTEM THICKNESS, mm



69

AIRBORNE SOUND REDUCTION, dB



18

AIRBORNE SOUND REDUCTION IMPROVEMENT, dB



40

IMPACT SOUND REDUCTION, dB

SONOTIZ



STANDART 1

1. SONOTIZ AT
2. ACOUSTIC HANGER
3. FRAME
4. ACOUSTIC SPONGE
5. SONOTIZ VIBRO-TAPE
6. SONO-BLOCK
7. ACOUSTIC GYPS
8. SONOTIZ VIBRO-BAND

Second-level soundproofing system. It may be used in multi-apartment residential buildings of enhanced comfort, hotels, hospitals, health centres, etc. The system ensures sound comfort through effective protection against airborne domestic noise and significant reduction of structure-borne noise (such as mechanical impact, footfall sounds, etc.). The main system elements are thin and heavy panels SONO-BLOCK.



68,5

SYSTEM THICKNESS, mm



65

AIRBORNE SOUND REDUCTION, dB



15

AIRBORNE SOUND REDUCTION IMPROVEMENT, dB



STANDART 2

1. SONOTIZ AT
2. ACOUSTIC HANGER
3. FRAME
4. ACOUSTIC SPONGE
5. SONOTIZ VIBRO-TAPE
6. ACOUSTIC GYPS
7. SONOTECH MEMBRANE
8. SONOTIZ VIBRO-BAND

Second-level soundproofing system. The most common and demanded system. The system ensures sound comfort through effective protection against airborne domestic noise and significant reduction of structure-borne noise.



72,7

SYSTEM THICKNESS, mm



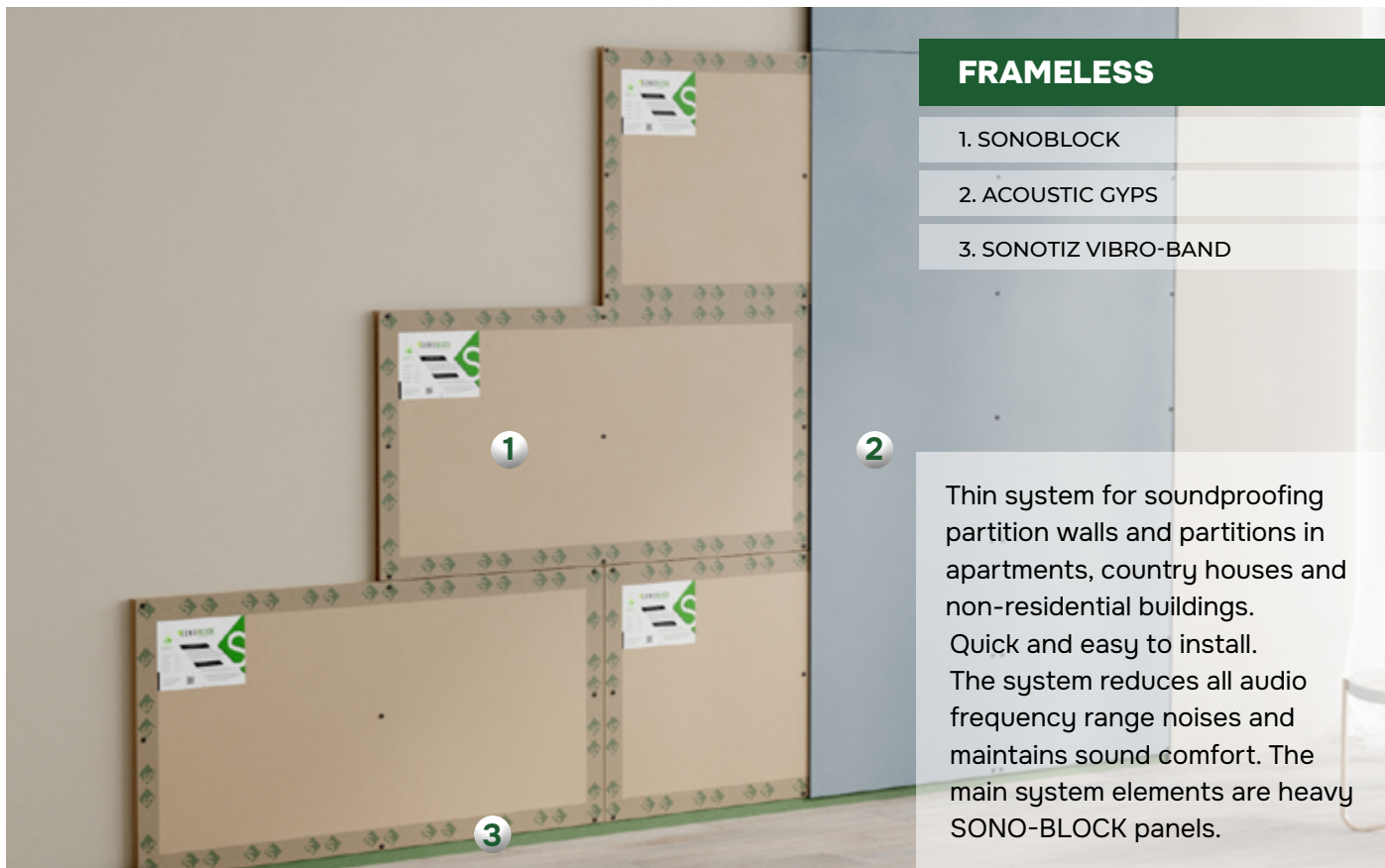
67

AIRBORNE SOUND REDUCTION, dB



17

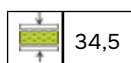
AIRBORNE SOUND REDUCTION IMPROVEMENT, dB



FRAMELESS

1. SONOBLOCK
2. ACOUSTIC GYPS
3. SONOTIZ VIBRO-BAND

Thin system for soundproofing partition walls and partitions in apartments, country houses and non-residential buildings. Quick and easy to install. The system reduces all audio frequency range noises and maintains sound comfort. The main system elements are heavy SONO-BLOCK panels.



34,5

SYSTEM THICKNESS, mm



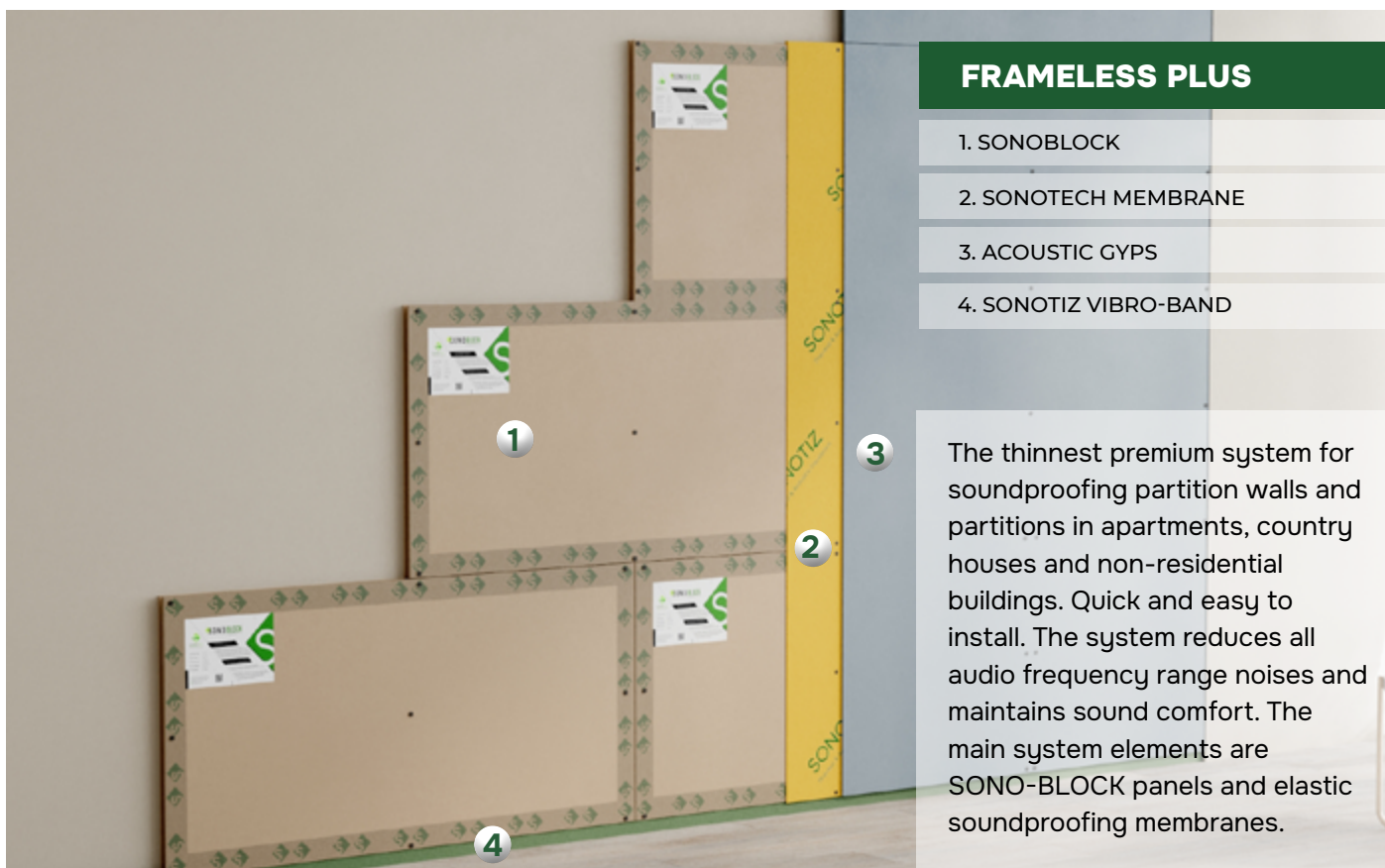
59

AIRBORNE SOUND REDUCTION, dB



8

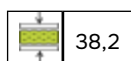
AIRBORNE SOUND REDUCTION IMPROVEMENT, dB



FRAMELESS PLUS

1. SONOBLOCK
2. SONOTECH MEMBRANE
3. ACOUSTIC GYPS
4. SONOTIZ VIBRO-BAND

The thinnest premium system for soundproofing partition walls and partitions in apartments, country houses and non-residential buildings. Quick and easy to install. The system reduces all audio frequency range noises and maintains sound comfort. The main system elements are SONO-BLOCK panels and elastic soundproofing membranes.



38,2

SYSTEM THICKNESS, mm



62

AIRBORNE SOUND REDUCTION, dB



11

AIRBORNE SOUND REDUCTION IMPROVEMENT, dB

· Thermal · Vibro · Acoustic · Insulation ·



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