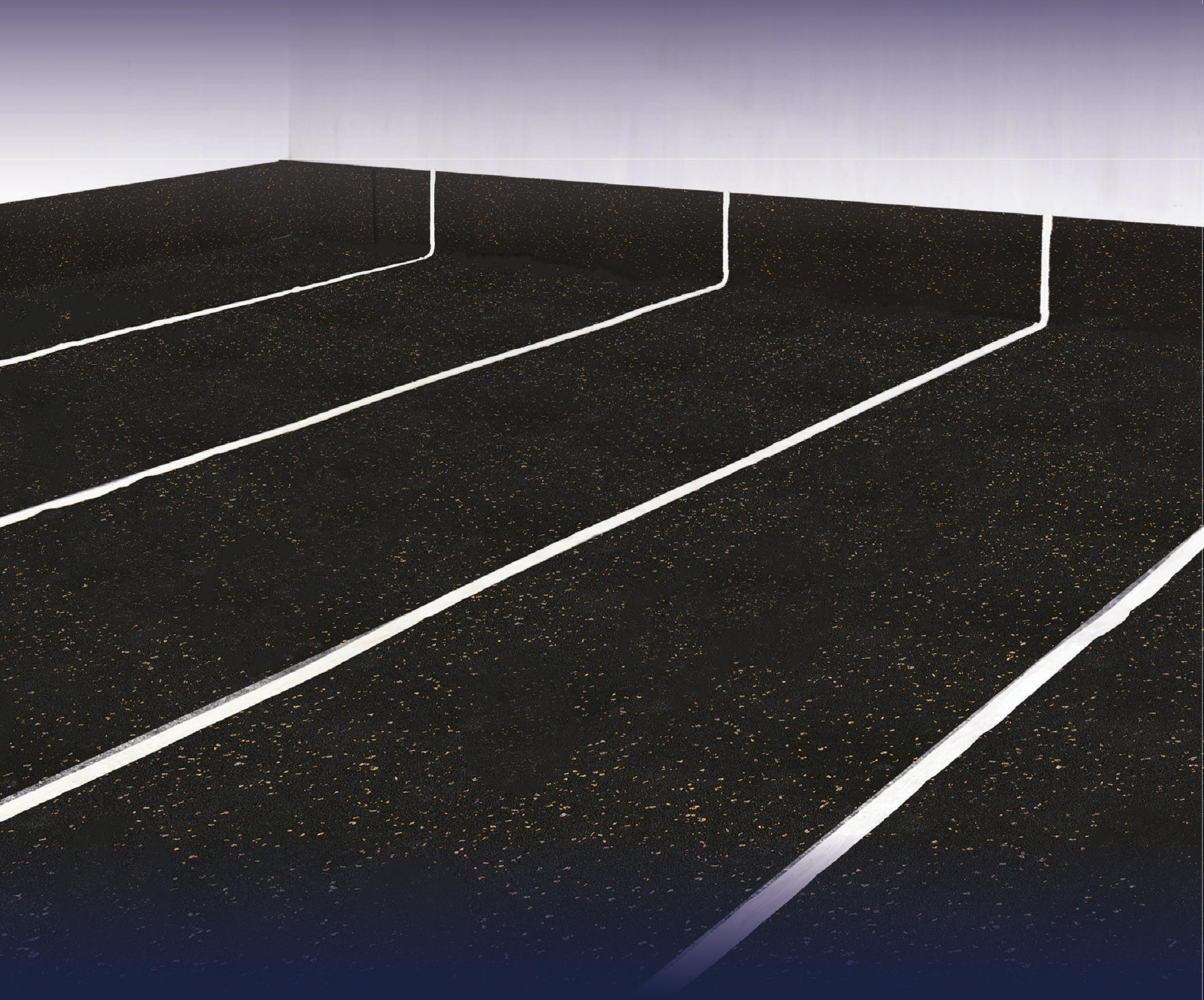


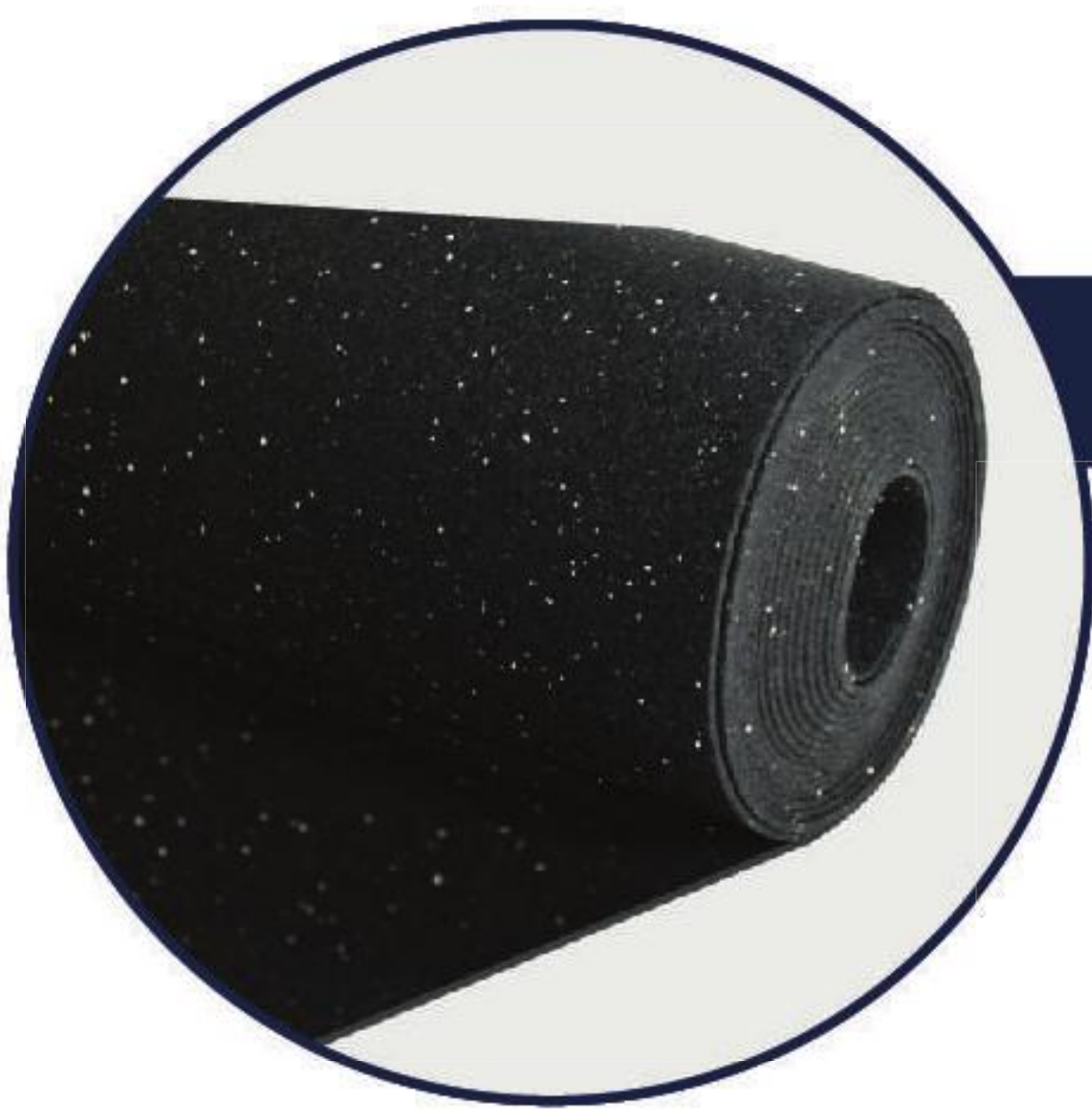
AEROSOUND[®]

Acoustic Floor Underlay



Acoustic Floor Underlay

AeroSound[®] Floor Underlay are designed to reduce impact noise transfer within the building structure to avoid propagation of structural sound while using a combination of AeroSound[®] Underlay and AeroSound[®] Perimetric Tapes.



AeroSound[®] RSF

Elastomeric rubber mat
with recycled rubber content



AeroSound[®] SF

Cross-linked
Closed cell
Polyolefin foam



AeroSound[®] ESF

Closed cell
Elastomeric foam

FEATURES



Long lifespan



Environment friendly



Does not absorb water



Excellent acoustic properties



Helps to protect screed from cracking

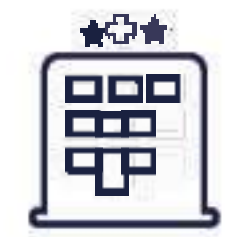


Resistant to bacteria, mold &
fungi growth

APPLICATIONS



Gyms, clubs & dancing floors



Hotels, offices & medical facilities



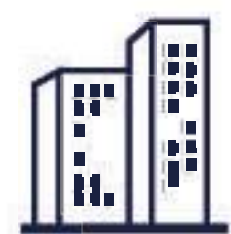
Recording studios & movie theaters



Industrial buildings & machinery foundation



Automotive industry - wheel arch & chassis



Residential, commercial & high-rise buildings



Sports court & running track

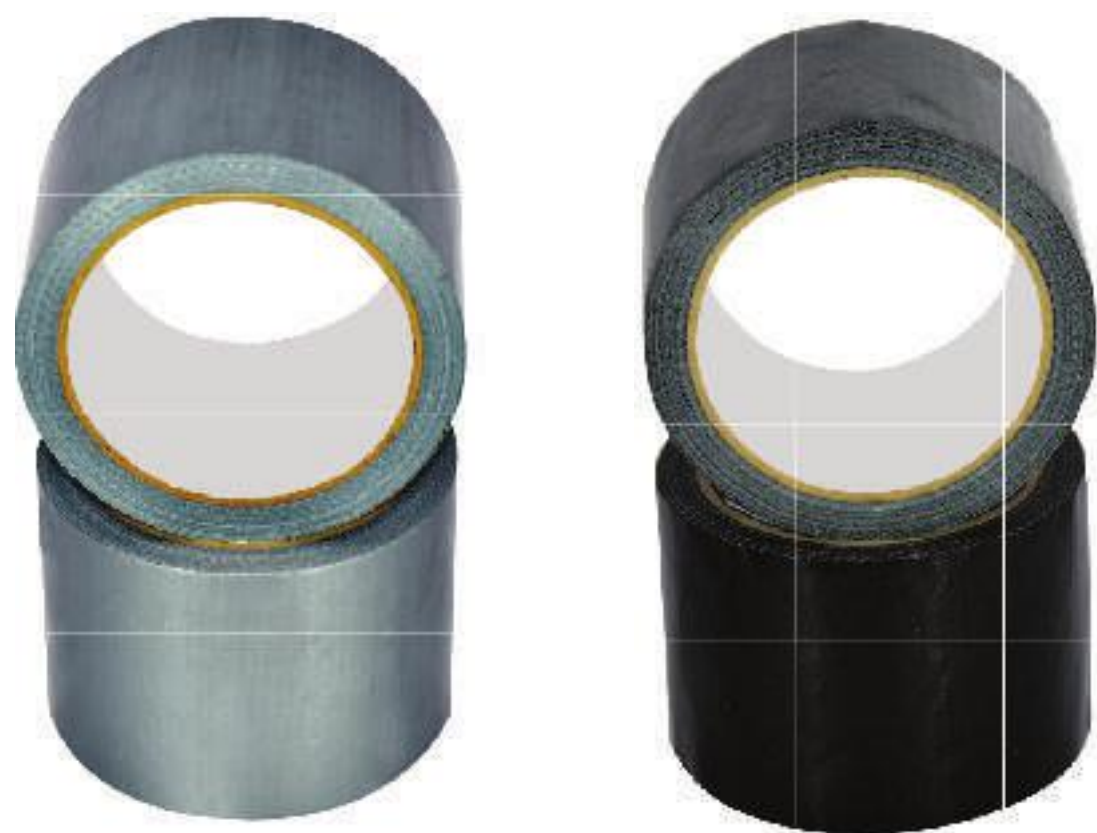
TECHNICAL PROPERTIES

	AeroSound® SF	AeroSound® ESF	AeroSound® RSF	
Properties	Value/Assessment			Tested acc. to:
Material type	Cross-linked polyolefin foam	Flexible elastomeric foam	Elastomeric rubber mat with recycled rubber content	
Color	Blue	Black	Black/Anthracite/Orange	
Thicknesses*	3, 5, 8, 10 mm	3, 5, 8, 10, 13 mm	2-12 mm	
Thickness tolerance	-1 mm / +1.5 mm		2-6mm: ±0.3 mm	
			7-12 mm: ±0.5 mm	
Size	W:1.2m L: 20 m	W:1m L: 8-30 m	W:1.2m L:5-10m	
Size tolerance	W: ±20 mm L: ±50 mm			
Recycled content	No	No	Yes	
Dynamic stiffness	64.3 MN/m³(3 mm)	59.27 MN/m³ (10 mm)	73 MN/m³(3 mm)	
Maximum load	400 kg/m²	400 kg/m²	3000 kg/m²	
Tensile strength at peak load	0.82 kg/m²	2.71 kg/m²	3.48 kg/m²	ASTM D412/ ASTM D751
Elongation break	36.37%	128.87%	47.5%	ASTM D412/ ASTM D751
Compressibility	84%	94.06%	93.7%	ASTM D3575/ ASTM F3616
Hardness, Shore A	11-17	15-18	65-69	ASTM D2240
Temperature range	-80 °C to +105 °C	-80 °C to +110 °C	-30 °C to +85 °C	
Thermal Conductivity at 23 °C	0.035 W/m•K	0.033 W/m•K	0.106 W/m•K	ASTM C518
Water absorption	0.013 g/cm²	0.09 g/cm²	0.009 g/cm²	JIS K 6767
Chemical resistance	Yes			
Resistance to fungi	Pass			ASTM G21
Resistance to bacteria	Pass			ISO 22196
ODP, GDP	ODP=0, GDP <5			
VOC			≤160 µg/m²hr	ASTM D5116
Puncture testing			91.44 cm	ASTM F924
Rolling load			Pass (at 500 cycles)	EN 985

*Other thicknesses available upon request.

ACCESSORIES

Tapes & Adhesive

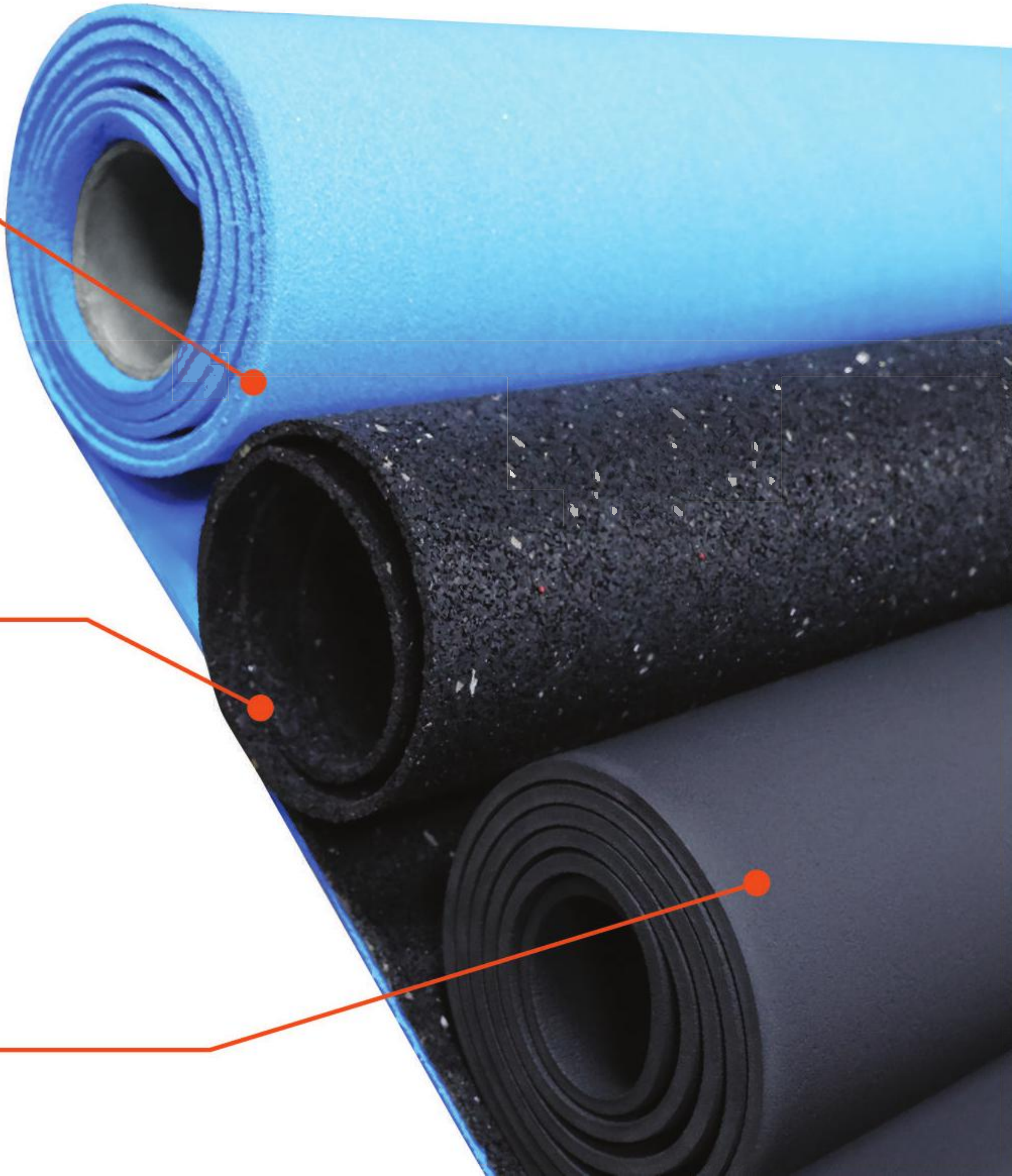


Refer to AeroSound® Installation Manual for more information.

AeroSound® SF

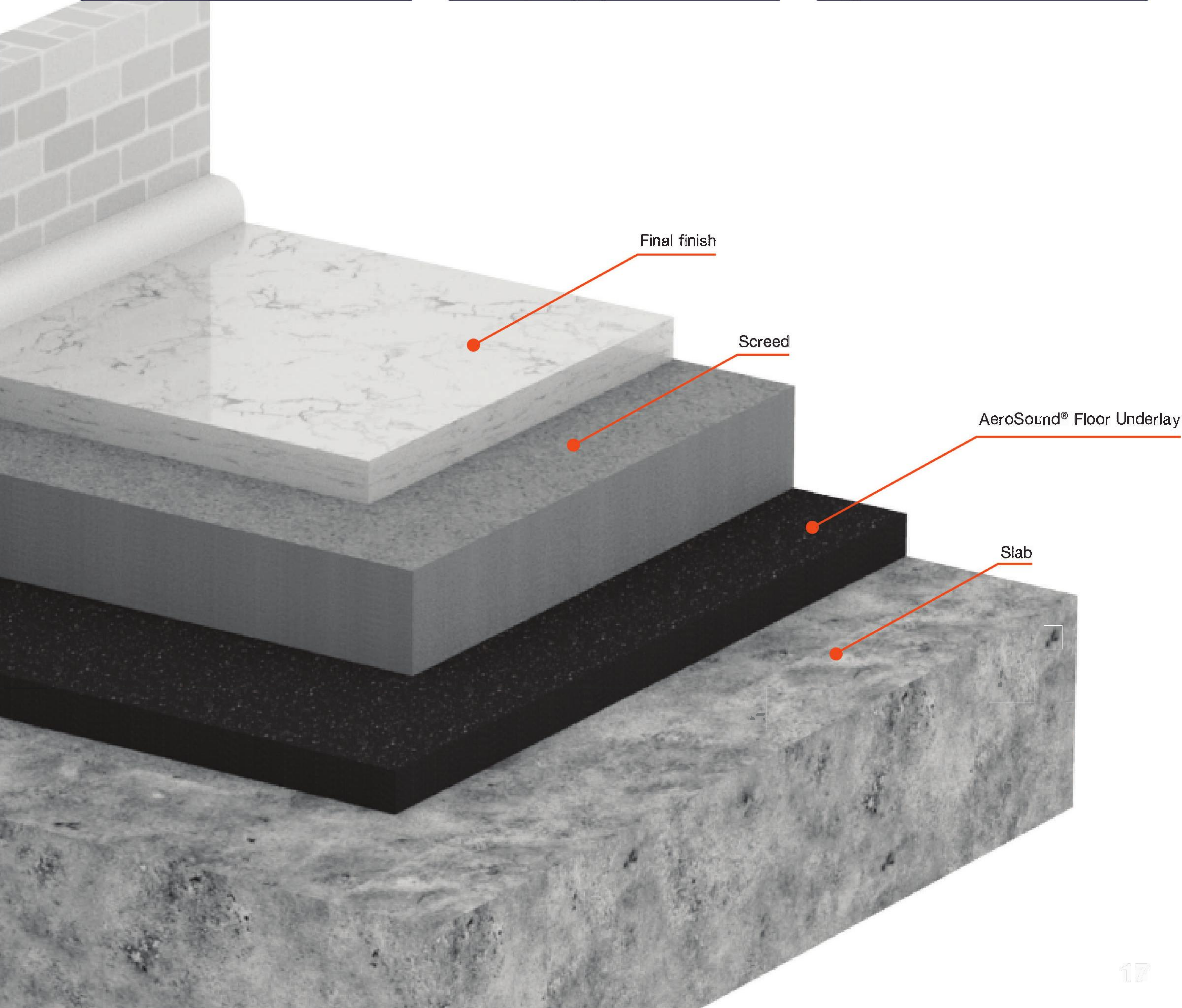
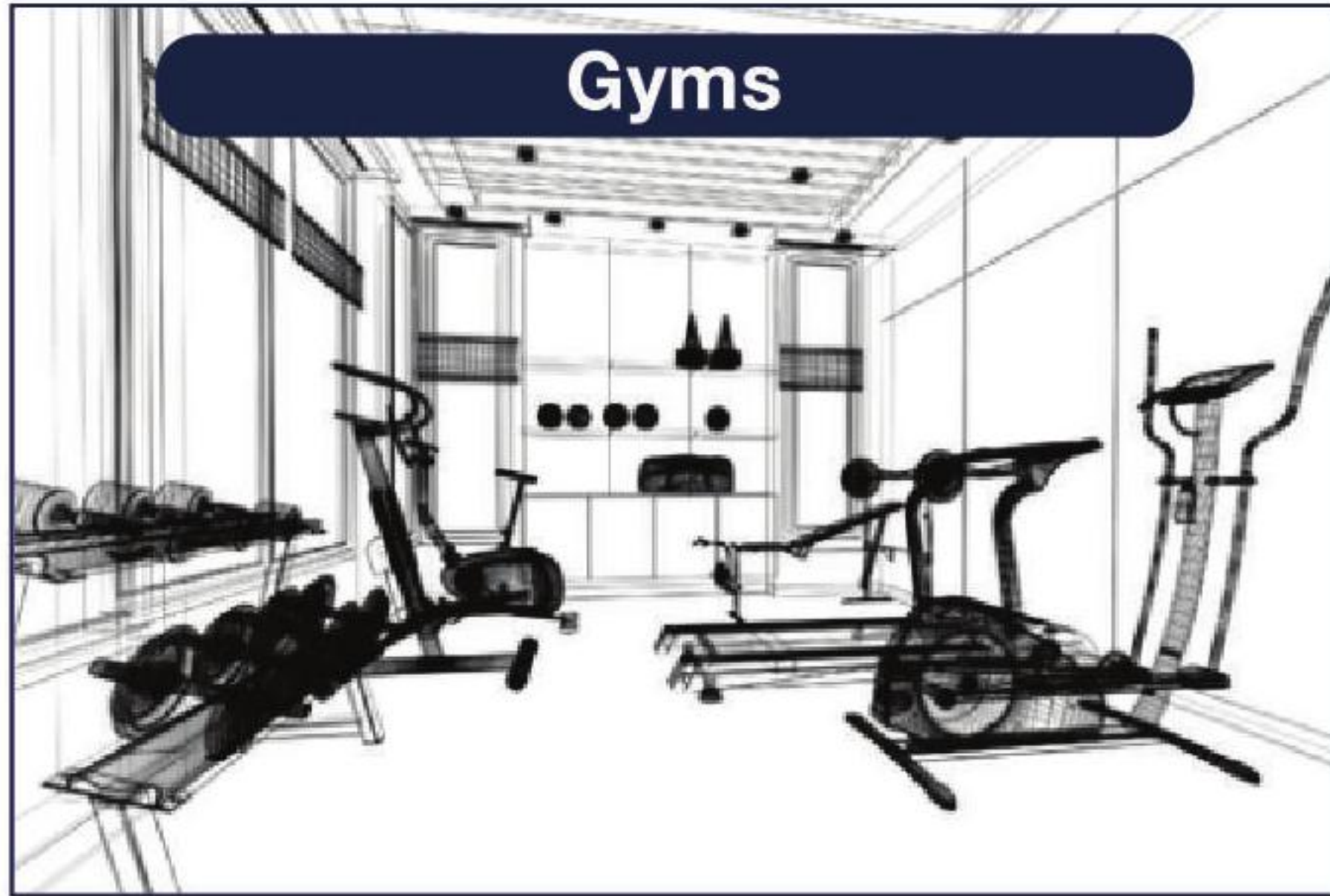
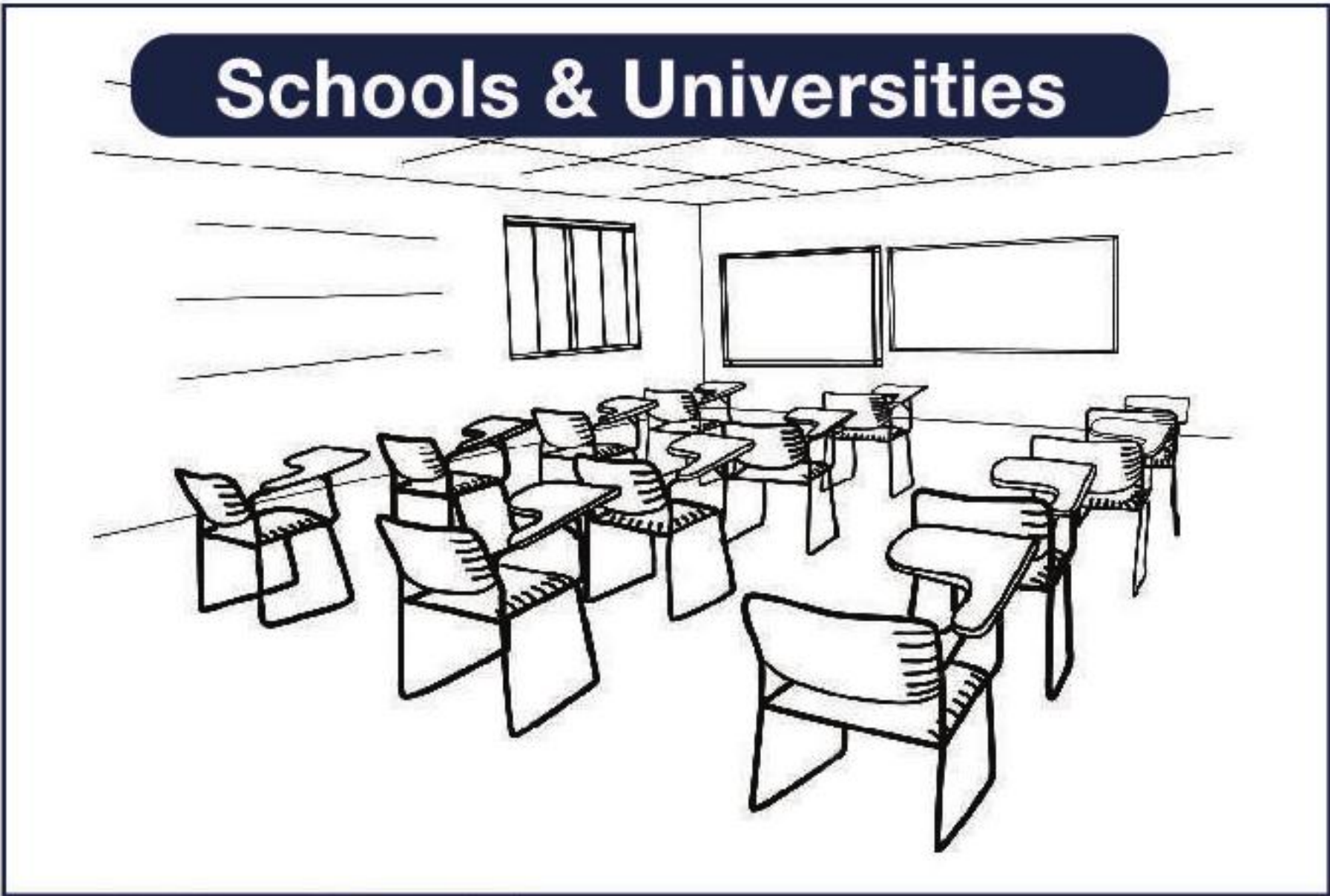
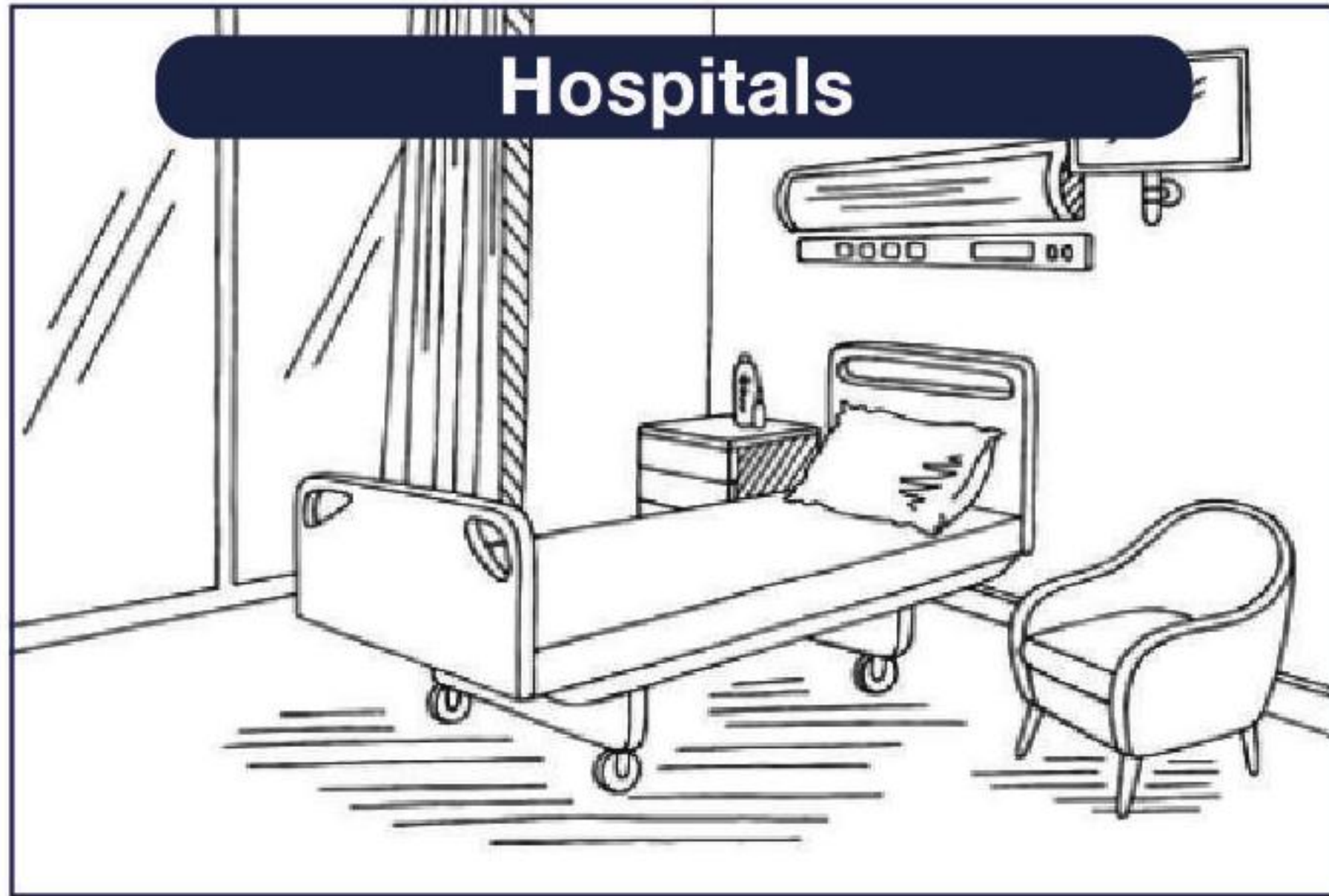
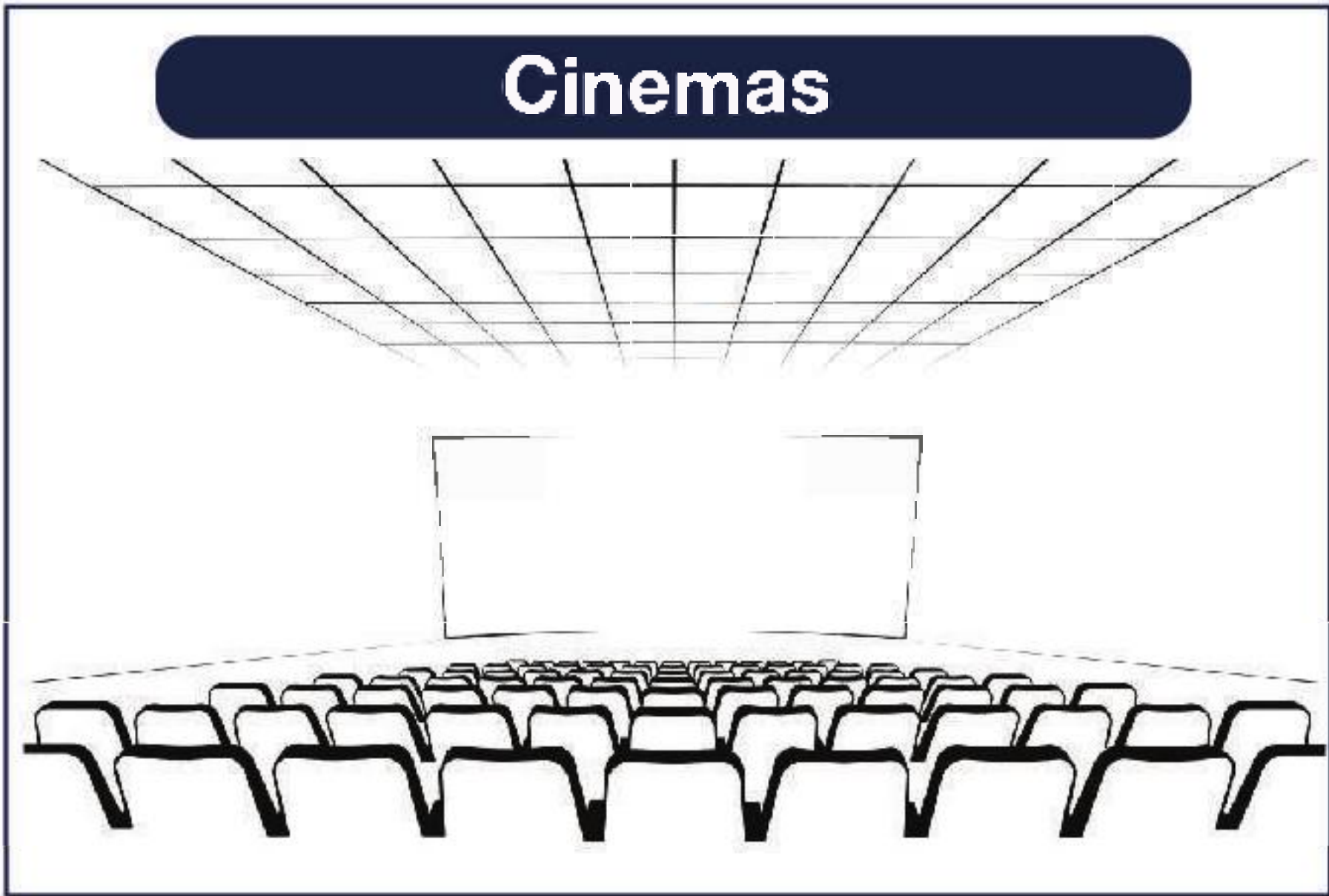
AeroSound® RSF

AeroSound® ESF



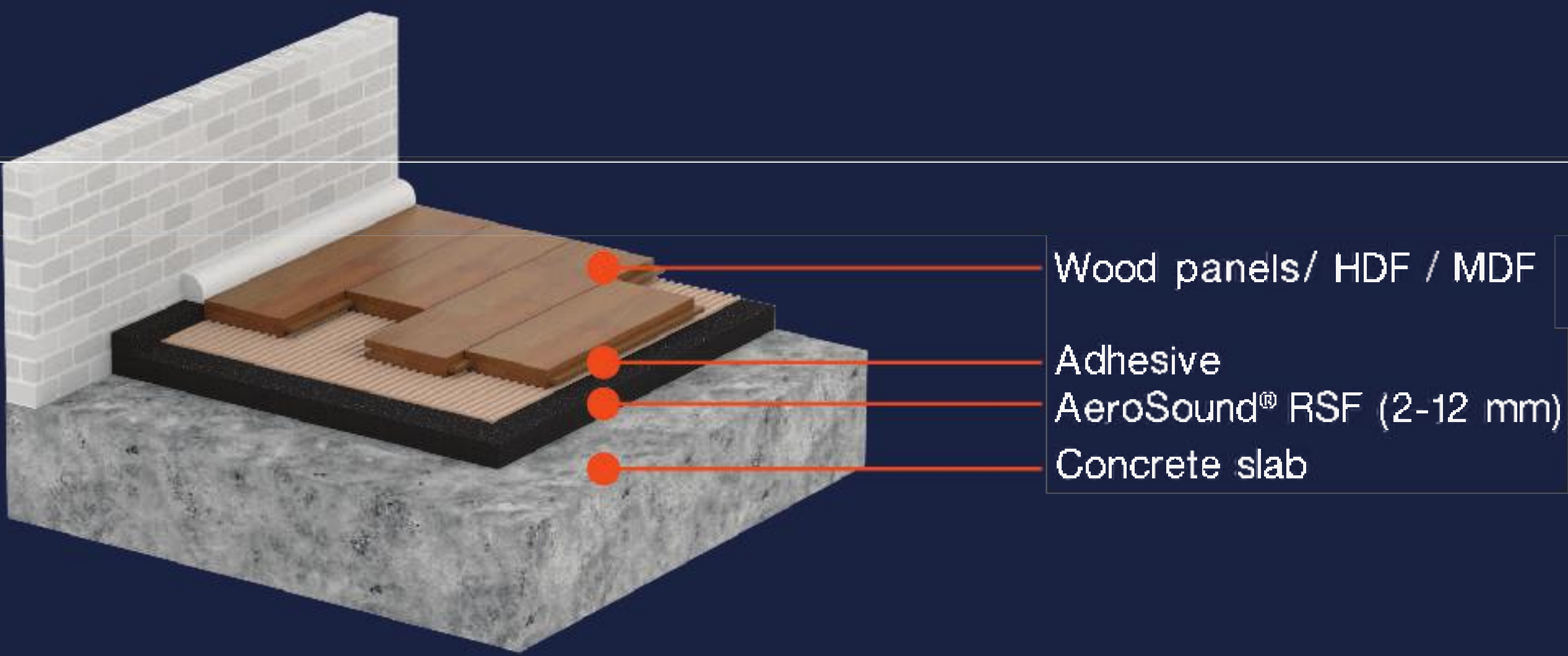
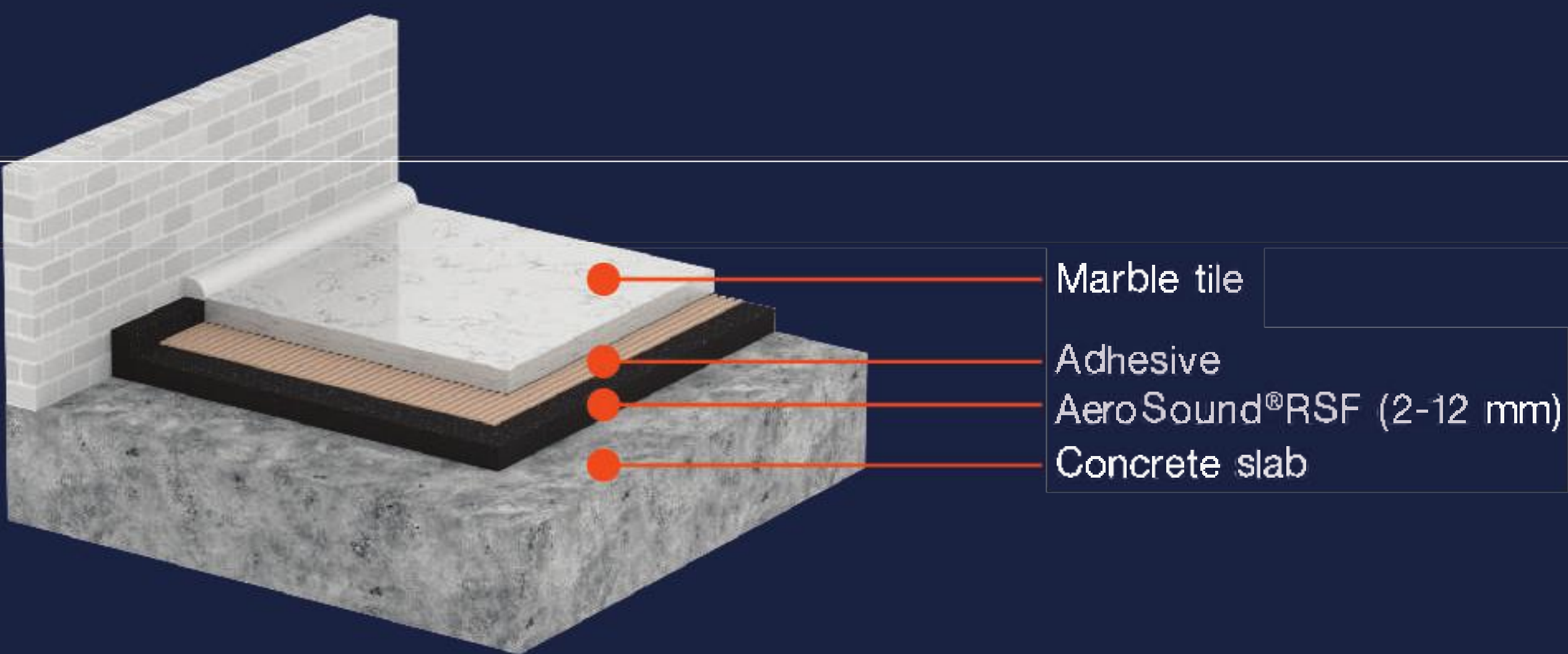
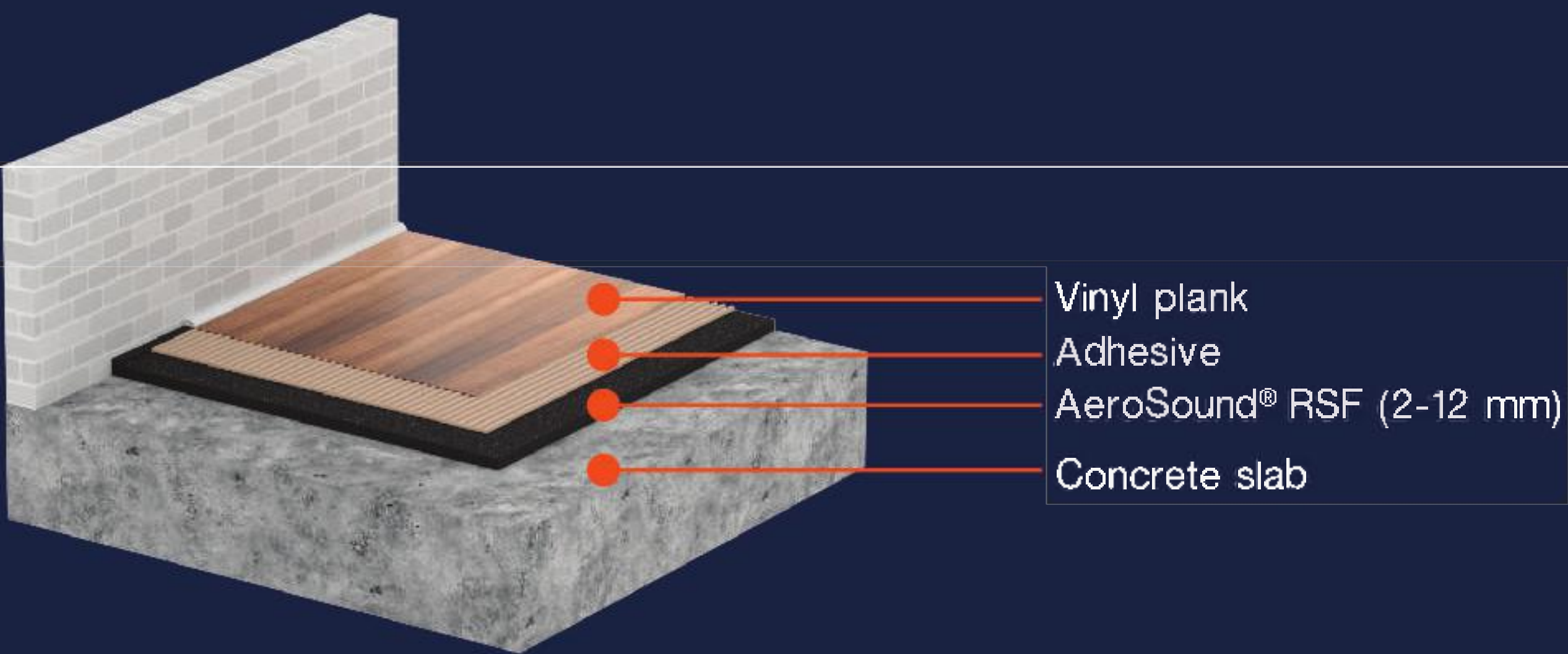
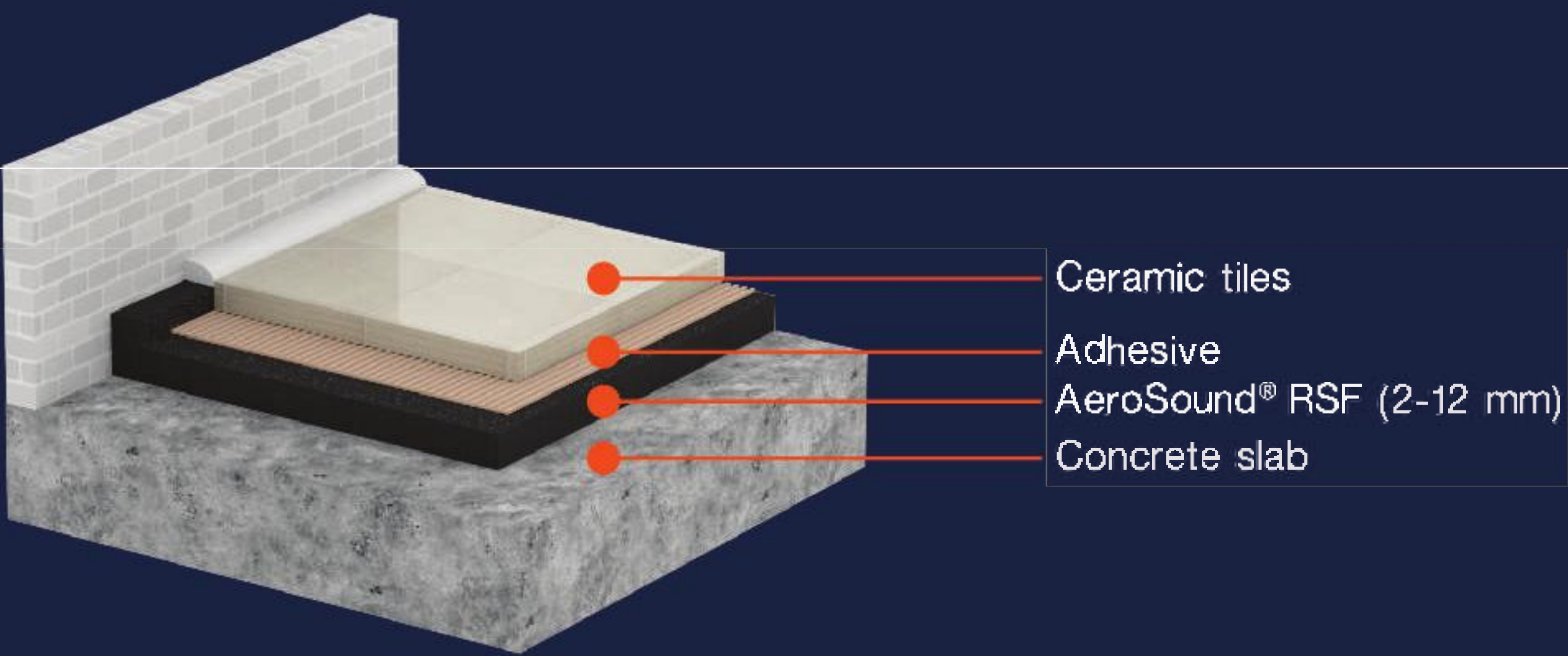
EXAMPLES OF APPLICATIONS

AeroSound® Floor Underlay can be installed in many different configurations and applications. Usual application is to separate concrete slab from the screed or final finish. For more details, please refer to AeroSound® Floor Underlay Brochure and AeroSound® Installation Handbook.



AeroSound® RSF

WITHOUT SCREED APPLICATIONS



AeroSound® SF, ESF & RSF

WITH SCREED APPLICATIONS

