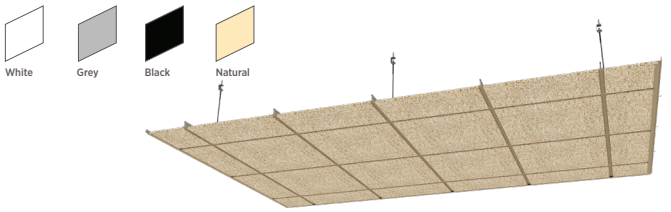
SKYNEST®

WOOD WOOL SUSPENDED CEILING

VISIT USGME.COM TO ORDER SAMPLES

FINISH OPTIONS



FEATURES & BENEFITS

- Durable and environmentally-friendly decorative acoustical wood wool panels for indoor use.
- Can achieve various required sound absorption parameters. The extended sound absorption coefficient can reach up to 1.0 NRC
- Available in concealed and lay-in options.
- Made from high-quality wood wool and cement.
- Class A Firecode material with great acoustic and thermal insulation capacities.
- Perfectly suitable for the widest range of interior solutions.
- Certified for FSC and the Programme for the Endorsement of Forest Certification (PEFC).
- M1 Formaldehyde emission class.
- Available in 0.5mm, 1.0mm and 1.5mm wood wool strip.
- Available in different colors and panels size configurations.
- Featuring concealed suspension ceiling system with many design configurations for a modern interior design.

APPLICATIONS

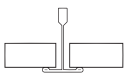
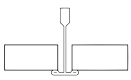
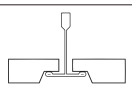
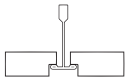
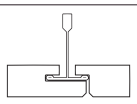
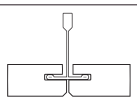
- Public and office premises
- Recording studios, radio and TV studios
- Schools and kindergartens
- Concert halls, theaters, cinemas
- Industrial and production premises
- Restaurant

SOUND ABSORPTION

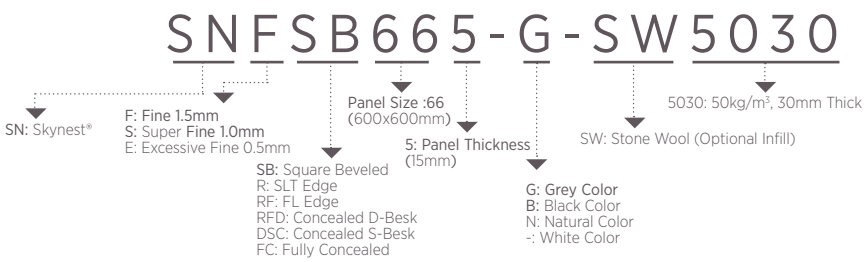
Frequency, Hz	125	250	500	1000	2000	4000	NRC*
15mm	0.55	**0.60**	**0.45**	**0.60**	**0.70**	0.75	**0.60**
15mm**	0.80	**1.0**	**1.0**	**1.0**	**1.0**	1.0	**1.0**
25mm	0.60	**0.60**	**0.55**	**0.65**	**0.85**	0.95	**0.65**
25mm**	0.85	**1.0**	**1.0**	**1.0**	**1.0**	1.0	**1.0**

* *Calculated to ASTM C 423-01*
** *With acoustical infill*

GRID PROFILE OPTIONS

DX/DXL SQ Edge	DXT SQ Edge	DX/DXL SLT Edge	DXT/DXF FLB Edge	DX/DXL D-BESK Edge	DX/DXL BESK Edge
					

ITEM CODIFICATION



SKYNEST®

WOOD WOOL SUSPENDED CEILING

HIGH SOUND ABSORPTION

AVAILABLE IN CONCEALED EDGE

CERTIFIED FOR THE PROGRAMME FOR THE ENDORSEMENT OF FOREST CERTIFICATION

CERTIFIED FOR FSC

CONFORMITÉ EUROPÉENE

SPECIFICATION DETAILS

Skynest® Wood Wool Acoustical Ceiling meets the specifications in accordance with EN 13964.

Material Classification
Type: XIV
Pattern: L

Benefits
The panels are suitable for use in premises with a wide range of temperatures and air humidity and provide aesthetic value. With original surface texture, there is an unlimited choice of colors. Due to the natural ingredients, the panels ensure a comfortable micro-climate, typical of premises constructed from wood.

Substrate and Surface Finish
Wood Wool substrate finished with factory applied paint finish

Wood Wool
0.5mm, 1mm, 1.5mm, 3mm*

Panel Thickness
15mm, 25mm

Edge Detail Trim
Square [SQ, SB], Reveal [SLT, FL]
Concealed [Besk, D-Besk, S-Besk]

Weight
1mm Wood Wool:
15mm: 6.3 kg/m²
25mm: 10.5 kg/m²
1.5mm Wood Wool:
15mm: 5.9 kg/m²
25mm: 9.8 kg/m²

** 3mm Wood Wool are available upon request, refer to our technical department for more information*

[Noise Reduction Coefficient [NRC
[0.60] [0.65] [1.0]

Color
Natural, white, black, grey, or painted according to RAL color chart.

Reaction to Fire as per EN 13501-1
1mm Wood Wool: A2-s1, d0
1.5mm Wood Wool: B-s1, d0

Thermal conductivity
λ = 0.066 W/mK

Maintenance
Can be cleaned easily with a soft brush or vacuum. To clean panel, use a clean, white cloth with warm water and wipe surface

Additional Information
- USG Middle East's Skynest® Wood Wool Acoustical Ceiling Panels are flat. However, they will exhibit an inherent deflection, which may be more apparent as the proximity to adjacent surfaces is reduced. This deflection should be no more than 5mm. Local environmental conditions may increase this variance.
- Take care to minimize movement due to airflow within a space.
- Installation of wood wool acoustic panels are for interior use in an environment with carefully-controlled humidity and temperature.
- Installation should take place in a clean, dust-free environment.
- Panels should be stored flat to protect against moisture and dirt.
- Panel surface color may vary from edge color as these are natural materials.

Excessive Fine
0.5 mm Wood Wool Strand Width

Super Fine
1.0 mm Wood Wool Strand Width

Fine
1.5 mm Wood Wool Strand Width