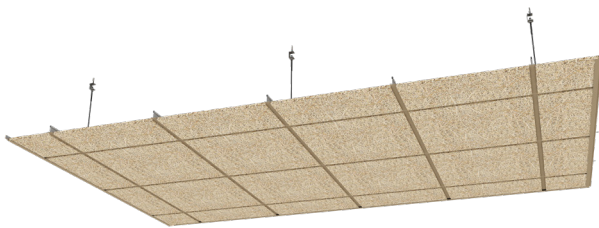
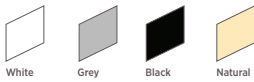


# SKYNEST®

## WOOD WOOL SUSPENDED CEILING

VISIT [USGME.COM](http://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 Firechief™ material with great acoustic and thermal insulation capacities.
- Perfectly suitable for the broadest range of interior solutions.
- Certified for FSC and the Programme for the Endorsement of Forest Certification (PEFC).
- M1 Formaldehyde emission class.
- Available in 1.0mm, and 1.5mm wood wool strips. 3mm as an option.
- Available in different colors and panel size configurations.
- Featuring a 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	<b>0.60</b>	<b>0.45</b>	<b>0.60</b>	<b>0.70</b>	0.75	0.60
15mm**	0.80	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	1.0	1.0
25mm	0.60	<b>0.60</b>	<b>0.55</b>	<b>0.65</b>	<b>0.85</b>	0.95	0.65
25mm**	0.85	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	1.0	1.0

\* Calculated to ASTM C 423-01

\*\* With acoustical infill



**Superfine**  
1 mm Wood Wool Strand Width



**Fine**  
1.5 mm Wood Wool Strand Width



**Regular**  
3 mm Wood Wool Strand Width

# SKYNEST®

## WOOD WOOL SUSPENDED CEILING



### SPECIFICATION DETAILS

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

#### Material Classification

Type E, Form E1, E3, Pattern L

#### Benefits

The panels are suitable for use in premises with a wide range of temperatures and air humidity and provide pleasing 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

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/m<sup>2</sup>

25mm: 10.5 kg/m<sup>2</sup>

1.5mm Wood Wool:

15mm: 5.9 kg/m<sup>2</sup>

25mm: 9.8 kg/m<sup>2</sup>

\* 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

$\lambda = 0.066 \text{ W/mK}$

#### 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 is 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.

### 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

Superfine 1 mm Wood Wool Strand Width



Fine 1.5 mm Wood Wool Strand Width



Regular 3 mm Wood Wool Strand Width



### ITEM CODIFICATION

SN: Skynest®	F: Fine 1.5mm	S: Super Fine 10mm	SB: Square Beveled	R: SLT Edge	RF: FL Edge	RPD: Concealed D-BESK	DSC: Concealed S-BESK	FC: Fully Concealed	Panel Size: 66 (600x600mm)	S: Panel Thickness (15mm)	G: Grey Color	B: Black Color	N: Natural Color	·: White Color	SW: Stonewool (Optional Infill)	5030: 50kg/m <sup>2</sup> , 30mm Thick
<h1>SNFSB665-G-SW5030</h1>																

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