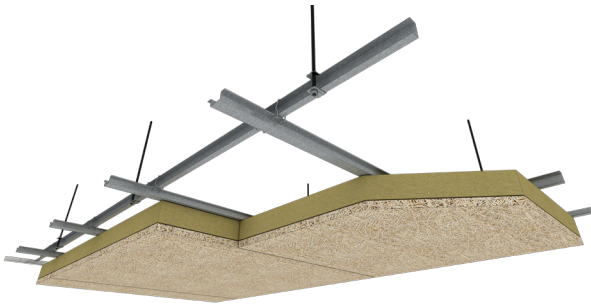
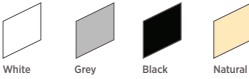


SKYNEST®

WOOD WOOL DIRECT MOUNTING

VISIT [USGME.COM](https://usgme.com) TO ORDER SAMPLES

FINISH OPTIONS



FEATURES & BENEFITS

- Directly fixed to the ceiling plenum using the drywall suspension system.
- Durable and environmentally-friendly decorative acoustical wood wool panels for indoor use.
- Made from high-quality wood wool and cement.
- Can achieve various required sound absorption parameters. The extended sound absorption coefficient can reach up to 1.0 NRC.
- 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.

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



ITEM CODIFICATION

SN: Skyne®
 F: Fine 1.5mm
 S: Super Fine 1.0mm
 SB: Square Beveled
 R: SLIT Edge
 RF: FL Edge
 RFD: Concealed D-BESK
 DSC: Concealed S-BESK
 FC: Fully Concealed
 66: Panel Size (600x600mm)
 5: Panel Thickness (15mm)
 DM: Direct Mounting
 G: Grey Color
 B: Black Color
 N: Natural Color
 -: White Color
 SW: Stonewool (Optional Infill)
 5030: Density: 50kg/m³
 Thickness: 30mm, 40mm, 50mm, 60mm, 75mm

SNFSB665DM-G-SW5030

SKYNEST®

WOOD WOOL DIRECT MOUNTING CEILING



CONFORMITÉ
EUROPÉENNE



CERTIFIED
FOR FSC

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 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

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

Infill Option

30mm to 75mm

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

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



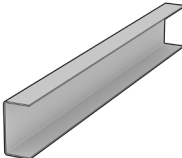
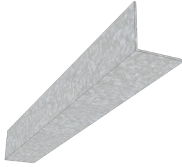


Maintenance

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

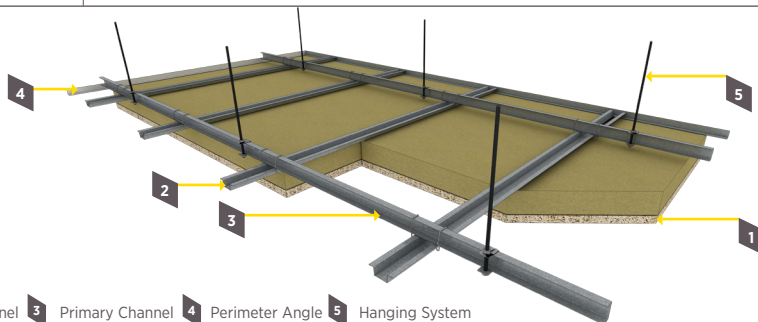
Additional Information

- USG Middle East's Skynest® Wood Wool Direct Mounting 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.

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

Panel **	Furring Channel	Primary Channel	Perimeter Angle
			
** Stonewool infill is available upon request			
Wire Connecting Clip	Screw		
			

SYSTEM DRAWINGS



1 Wood Wool Panel 2 Furring Channel 3 Primary Channel 4 Perimeter Angle 5 Hanging System

Notice: As we are involved in constant products development; this document information is subject to change without prior notice. Please always refer to usgme.com for the updated products information document.
©2025 Factory of USG Middle East LTD. Co. All rights reserved.