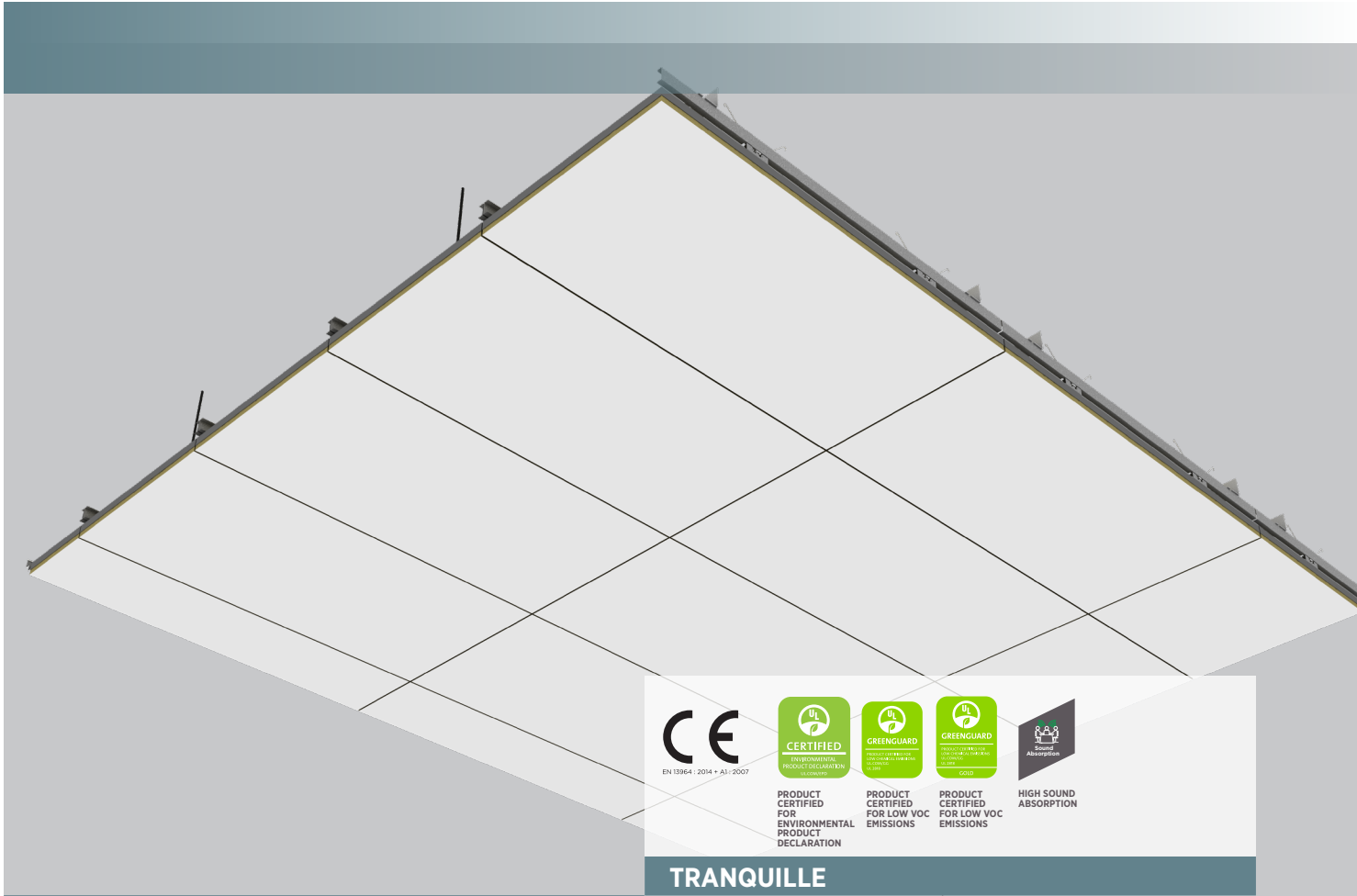


# SOFT FIBER TRANQUILLE



  
EN 13964 - 2014 + A1 - 2007

  
PRODUCT CERTIFIED FOR ENVIRONMENTAL PRODUCT DECLARATION

  
PRODUCT CERTIFIED FOR LOW VOC EMISSIONS

  
PRODUCT CERTIFIED FOR LOW VOC EMISSIONS

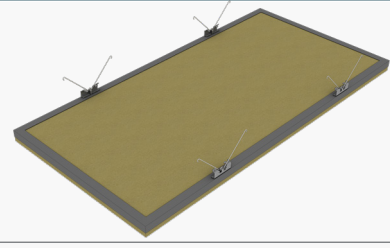
  
HIGH SOUND ABSORPTION

## TRANQUILLE

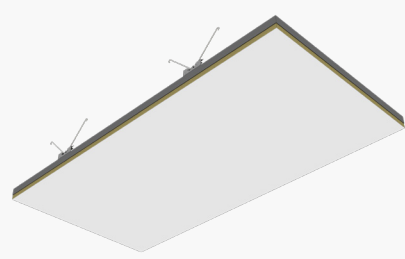
### FEATURES AND BENEFITS

- Made of Soft fiber panels and a torsion spring hanging system.
- Excellent for critical lighting applications for High Light Reflectance (0.88).
- Excellent combination of noise reduction (up to NRC-1.0) and aesthetic appearance.
- Features a concealed suspension ceiling system with many design configurations that can fit any contemporary interior design.
- Certificated for Environmental Product Declaration (EPD) as per ISO 14025.
- All panels are demountable, allowing easy access to the plenum for simple maintenance.
- Configurable panel sizes, shapes, and layouts allow for design freedom.

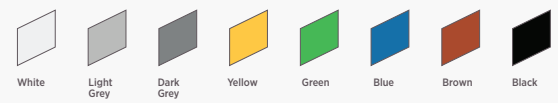
PANEL TOP



PANEL BOTTOM



### AVAILABLE COLOR



### APPLICATIONS

- Airports
- Train stations
- Commercial spaces
- Offices
- Lounges
- Open halls
- Restaurants

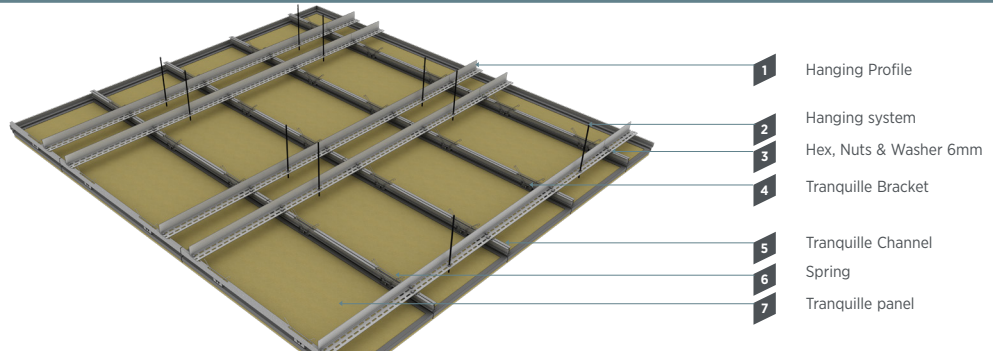
### ABSORPTION COEFFICIENT

Frequency, Hz	125	250	500	1000	2000	4000	NRC*
40mm	0.60	<b>0.90</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	1.0	<b>1.0</b>

\*Calculated to ASTM C 423-01



## TRANQUILLE SYSTEM DRAWINGS

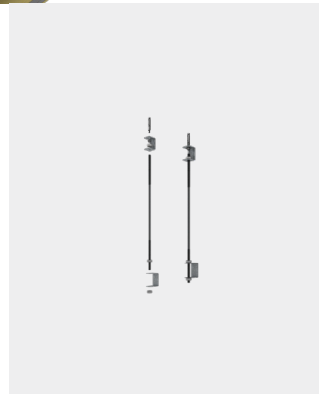


- 1 Hanging Profile
- 2 Hanging system
- 3 Hex, Nuts & Washer 6mm
- 4 Tranquille Bracket
- 5 Tranquille Channel
- 6 Spring
- 7 Tranquille panel

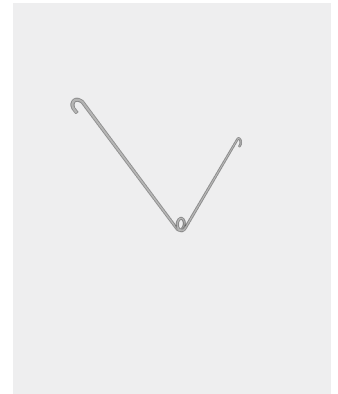
# SYSTEM COMPONENTS



Tranquille Channel



Hanging System



Spring



### Low Emissions (VOC)

Third party (GREENGUARD & GREENGUARD Gold) certified for low-emitting performance, meets California Department of Public Health (CDPH) Standard Method V1.2-2017 using a Classroom Environment. Product tested in accordance with UL 2821 test method to show compliance to emission limits on UL 2818, Section 7.1 and 7.2. UL. Tests are available on usgme.com and at spot.ul.com

# SYSTEM SPECIFICATION

Tranquille meets the specifications in accordance with ASTM E1264.

### Materials Classification

Type: XX, Form: 2, Pattern: E, G

### Substrate and Surface Finish

Soft fiber substrate laminated with prepainted fiberglass scrim and back fiberglass tissue

### Thickness

40mm

### Weight

4.2 kg/m<sup>2</sup>

### Noise Reduction Coefficient [NRC]

[1.0]

### Ceiling Attenuation Class [CAC]

[33 dB]

### Humidity Resistance

Maximum 99% RH / 40°C

### Light Reflectance Coefficient [LR]

0.88

### Color

Standard White. Other colors are available upon request

### Mold Prevention Application as per ASTM D3273

Rate 10: Resistant to mold growth

### Surface Burning Characteristics as per ASTM E84

Class A

### EN 13501-1 Class of Reaction to Fire Performance

A2-s1,d0

### Thermal Conductivity

$\lambda = 0.036 \text{ W/m}^2\text{K}$

### Washability / Scrubbability as per ASTM D4828 & D2486

Exceeds 1000 Wash/Scrub cycles without surface break or the extent of abrasion upon request

### Relevant LEED® Credit

EA Credit 1 | MR Credit 4 | MR Credit 5 | MR Credit 6 IEQ Credit 3 | IEQ Credit 3.2 | IEQ Credit 4.6 | IEQ Credit 8.1 | IEQ Credit 9

### VOC Class

Greenguard & Greenguard Gold

### Maintenance

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

### Additional Information

- USG Middle East's Tranquille 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 1-2mm. Local environmental conditions may increase this variance.
- Custom sizes and color options are available upon request. Consult USG Middle East technical team.
- Take care during installation and handling of panels.
- Stonewool substrate is available upon request.
- Different shapes, such as triangular, hexagonal, and trapezoidal, are available.

### Disclaimer:

Information contained in this document is subject to change without prior notice due to our ongoing product development. We recommend referring to the website [usgme.com](http://usgme.com) for the most up-to-date and accurate product information.

### Tranquille Ceiling

Version #: 03  
Revision date: 1-June-2024  
Issue date: 22-December-2021  
Doc. Ref SC-TDS021-3