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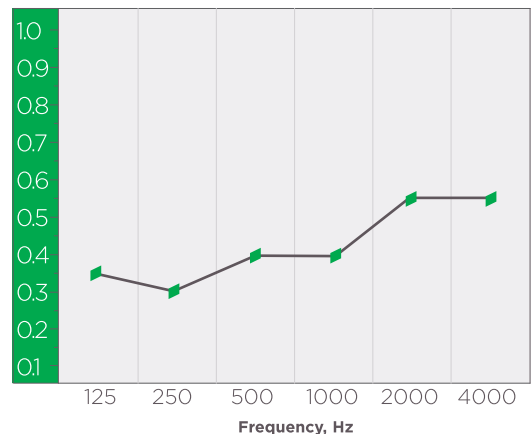
## FEATURES & BENEFITS

- 100% Ceramic Bonded Mineral Fiber
- Ensure Durability and considered the highest Environmental Resistant Panel
- Withstands high heat, ultra-high humidity, corrosive chemical fumes & steam
- Ideally in live steam to withstand applications such as saunas & steam rooms
- Provides high Sound attenuation due to it's high density, for room to room privacy
- Humidity resistance up to 100% RH, 40°C without visible sag and in Fire code formulation
- Meets U.S. Coast Guard standards and can be used in high-humidity marine applications.
- 360° non directional pattern with a fresh, clean appearance offers fast, efficient installation
- Installed with DONN® ZXLA Aluminum corrosion-resistant grid system

## APPLICATIONS

- Pools and shower areas
- Exterior soffits
- Parking Garages
- Saunas and steam rooms
- Food preparation areas
- Laboratories

Sound Absorption 15 mm



# USG RADAR™ CERAMIC ACOUSTICAL CEILING



## TABLE OF PERFORMANCE

Edge Detail	Item	Size (mm)	NRC	CAC	LR			Recycled Content	VOC Emission	Cost
SQ	RDXX665 RDXX225	600*600*15 610*610*15	0.5	40	85%			46%	Low	\$\$\$\$

## GRID PROFILE OPTIONS

DX/DXL SQ Edge	DXT SQ Edge

## SPECIFICATION DETAILS

Radar Ceramic™ Acoustical Ceiling meets the requirements in accordance with ASTM E1264 and EN13964.

**Materials Classification**  
Type: XX,  
Form: 2,  
Pattern: C, D, E

**Substrate and Surface Finish**  
Water Felted Ceramic Bonded Mineral fiber non-directional fissured panel

**Thickness**  
15mm

**Size**  
600 x 600mm,  
610 x 610mm

**Edge Detail Trim**  
Square

**Weight**  
8.25 kg/m<sup>2</sup>, Ceramic Fire Code

**Noise Reduction Coefficient [NRC]**  
[0.50]

**Ceiling Attenuation Class [CAC]**  
[40 dB]

**Mold Prevention Application as per ASTM D3273**  
Inherent to Mold/Mildew growth

**Humidity Resistance**  
Maximum 100% RH / 40°C for ClimaPlus

**Light Reflectance Coefficient [LR]**  
0.85

**Color**  
White similar to RAL 9016

**Surface Burning Characteristics as per ASTM E84**

Class A, Flame Spread: 0,  
Smoke development: 20

**Reaction to Fire as per EN 13501-1**  
Euroclass A2-S1,d0

**Fire Rating as per ASTM E119**  
2hrs Time-Rated Assembly [G202]

**Thermal Resistance**  
0.23 m<sup>2</sup> °K/W - R 1.3

**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

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