

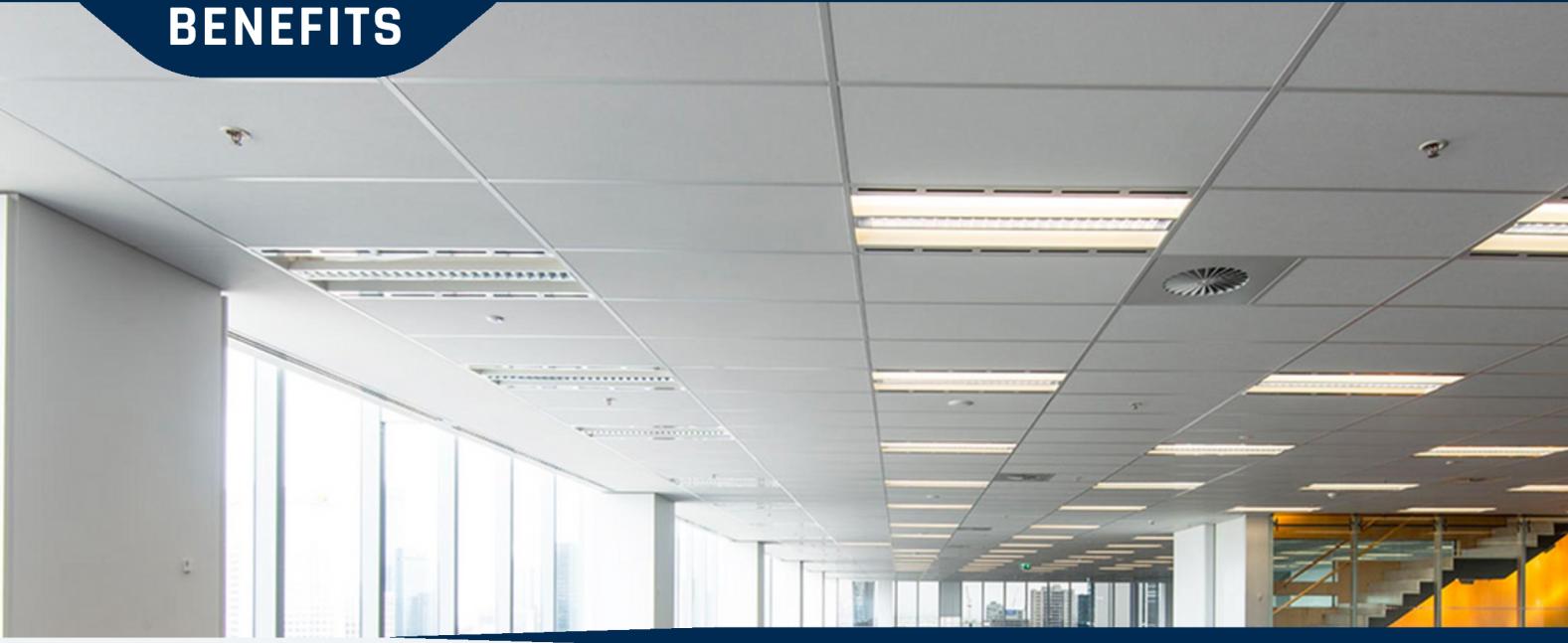


URBAN™
UPGRADE TO URBAN

Mineral Fibre Ceiling Tiles
Acoustic & Aesthetic Excellence



BENEFITS



BENEFITS

- ◆ Anti-Moisture Coating Improves Humidity Resistance
- ◆ Easy to Install & Maintain
- ◆ Non Directional Visual Saves Installation Time & Waste
- ◆ Good Level of Sound Absorption for Acoustic Comfort
- ◆ Higher Density for SAG Resistance
- ◆ High Light Reflectance

APPLICATION

- ◆ Corporate Offices
- ◆ Hospitals & Clinics
- ◆ Schools & Colleges
- ◆ Retail Stores & Showrooms
- ◆ Hotels & Restaurants
- ◆ Residential Spaces

URBAN™
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CONTACT

- | | | | |
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WHY URBAN?

Q1: Why should I choose Urban Mineral Fibre Tiles for my projects?

Urban Mineral Fibre Tiles offer **premium quality at a better price** than leading brands. They are **high-density (3.9 kg/m²), RH 95-99 certified**, and **moisture-resistant**, ensuring long-term durability without sagging.

Q2: How do Urban MFT perform in high-humidity environments?

Urban MFT are **designed for Indian conditions**. Unlike standard tiles that absorb moisture and bend, **Urban tiles have an anti-moisture coating** and high-density core to maintain their shape –even in **coastal or tropical climates**.

Q3: What about aesthetics and acoustic performance?

Urban mineral fibre tiles provide a **clean, modern finish** with **excellent sound absorption**, making them ideal for **offices, hospitals, schools, and commercial spaces**.

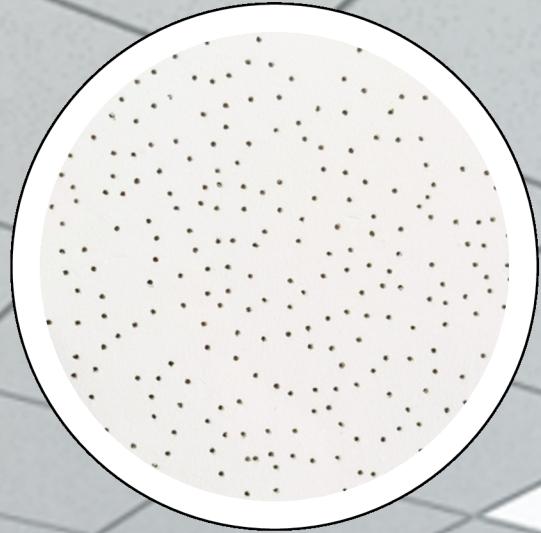
Q4: How do Urban MFT compare to other premium brands?

Urban offers the **same top-tier performance at a lower cost**, with **added durability and humidity resistance**, making them the **perfect fit for Indian environments**.

Q5: Are Urban mineral fibre tiles third-party tested and certified?

Yes, Urban tiles meet **industry standards** and undergo **third-party testing** to ensure **durability, moisture resistance, and acoustic performance**, making them a **trusted choice for high-quality projects**.

DATASHEET



127S

127A

12MM PINHOLE SQUARE EDGE

12MM PINHOLE ANGLE TEGULAR

SPECIFICATIONS

SOUND ABSORPTION

NRC = 0.50

LIGHT REFLECTANCE

≥ 83%

HUMIDITY RESISTANCE

Up to 95% RH

FIRE RATING

Class A (A2 - s1, d0, t0)



SOUND ATTENUATION

CAC = 28 db



THERMAL CONDUCTIVITY

$\lambda = 0.057 \text{ W/mK}$



WEIGHT

= 3.9 kgs/m²

	Exposed Grid System, Demountable Ceiling (24 mm)	Exposed Grid System, Demountable Ceiling (15 mm)
SQUARE EDGE	24 mm	24 mm
TEGULAR EDGE	12 mm	15 mm
REVEALED EDGE		

FREQUENCY (Hz)

125

250

500

1000

2000

4000



0.35

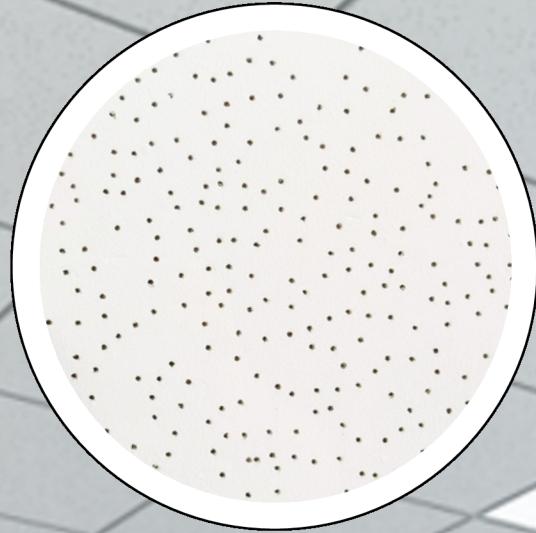
0.40

0.55

0.60

0.55

0.55



157S

15MM PINHOLE SQUARE EDGE

157A

15MM PINHOLE ANGLE TEGULAR

157M

15MM PINHOLE MICROLOOK

SPECIFICATIONS

SOUND ABSORPTION

NRC = 0.50

SOUND ATTENUATION

CAC = 30 db

LIGHT REFLECTANCE

≥ 83%

THERMAL CONDUCTIVITY

 $\lambda = 0.055 \text{ W/mK}$

HUMIDITY RESISTANCE

Up to 99% RH

WEIGHT

= 3.9 kgs/m²

FIRE RATING

Class A (A2 - s1, d0, t0)

	Exposed Grid System, Demountable Ceiling (24 mm)		Exposed Grid System, Demountable Ceiling (15 mm)
	SQUARE EDGE	TEGULAR EDGE	REVEALED EDGE

FREQUENCY (Hz)

125

250

500

1000

2000

4000



0.35

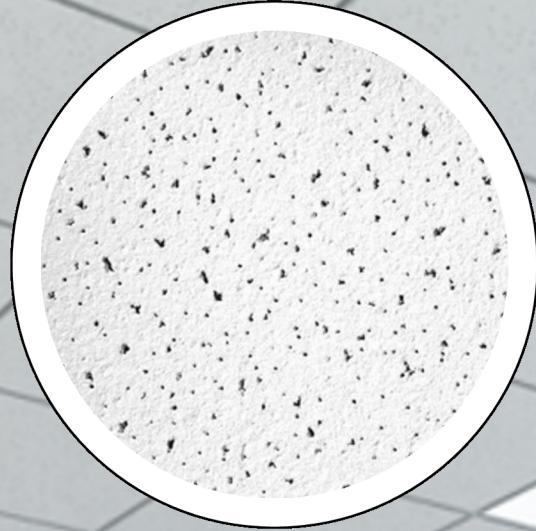
0.40

0.55

0.60

0.55

0.55



155M

15MM FISSURED MICROLOOK

SPECIFICATIONS

SOUND ABSORPTION

NRC = 0.50

SOUND ATTENUATION

CAC = 30 db

LIGHT REFLECTANCE

≥ 83%

THERMAL CONDUCTIVITY

 $\lambda = 0.055 \text{ W/mK}$

HUMIDITY RESISTANCE

Up to 99% RH

WEIGHT

= 3.9 kgs/m²

FIRE RATING

Class A (A2 - s1, d0, t0)

	Exposed Grid System, Demountable Ceiling (24 mm)	Exposed Grid System, Demountable Ceiling (15 mm)
	24 mm	24 mm
	15 mm	15 mm

SQUARE EDGE REGULAR EDGE REVEALED EDGE

FREQUENCY (Hz)

125

250

500

1000

2000

4000



0.35

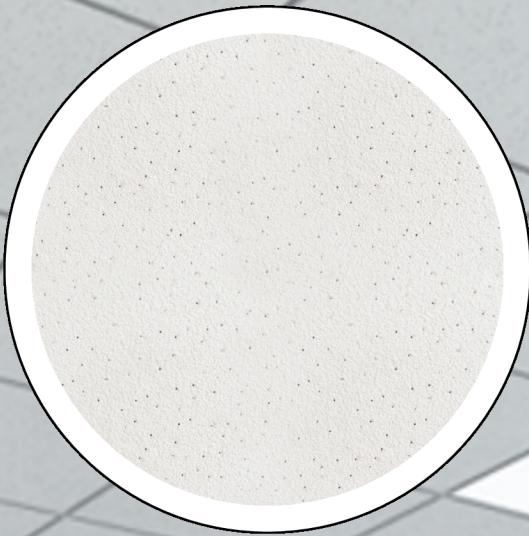
0.40

0.55

0.60

0.55

0.55



169M

16MM SAND TEXTURE MICROLOOK

SPECIFICATIONS

SOUND ABSORPTION

NRC = 0.55

SOUND ATTENUATION

CAC = 31 db

LIGHT REFLECTANCE

≥ 83%

THERMAL CONDUCTIVITY

 $\lambda = 0.052 \text{ W/mK}$

HUMIDITY RESISTANCE

Up to 99% RH

WEIGHT

= 3.9 kgs/m²

FIRE RATING

Class A (A2 - s1, d0, t0)

	Exposed Grid System, Demountable Ceiling (24 mm)		Exposed Grid System, Demountable Ceiling (15 mm)
	SQUARE EDGE	REGULAR EDGE	REVEALED EDGE

FREQUENCY (Hz) 125 250 500 1000 2000 4000



0.40

0.45

0.60

0.65

0.60

0.60

Technical Glossary



◆ **Weighted Sound Absorption Coefficient (α_w) :**

Measures how well a material absorbs sound (0 = no absorption, 1 = full absorption). A higher α_w value means better sound absorption, helping to reduce echo and improve room acoustics.

◆ **Noise Reduction Coefficient (NRC) :**

Indicates the percentage of sound absorbed by the material (e.g., NRC 0.50 absorbs 50% of sound). Higher NRC values are preferred in areas requiring sound control, like offices and auditoriums.

◆ **Ceiling Attenuation Class (CAC) :**

A rating that indicates how well a ceiling tile prevents sound from passing through to adjacent spaces. Measured in decibels (dB), a higher CAC means better sound insulation.

◆ **Light Reflectance (LR) :**

Percentage of light reflected by the ceiling tile, improving room brightness and energy efficiency.

◆ **Thermal Conductivity (λ) :**

Measures how well the material transfers heat; lower values indicate better insulation, helping regulate indoor temperatures and improve energy efficiency.

◆ **Humidity Resistance (RH) :**

The ability of the ceiling tile to withstand moisture and high humidity levels without degrading. Measured in Relative Humidity (RH %), with up to 99% RH indicating excellent resistance, making the tiles suitable for damp environments like restrooms and kitchens.

◆ **Weight / Density (kg/m^2) :**

The mass per square meter (kg/m^2), affecting installation, durability, and structural load. Heavier tiles tend to be denser and more durable, offering better acoustic and thermal performance

◆ **Fire Rating Class A (A2 - s1, d0, t0) :**

Fire classification (A2-s1, d0, t0), indicates a material with limited combustibility (A2), little or no smoke emission (s1), no flaming droplets or particles (d0), and no contribution to fire (t0), according to the European standard EN 13501-1.