



# **TAKING HYGIENE A STEP FURTHER**

MERGENCY



# **AEROLITE BIO-SAFE PROPERTY**

Health requires hygiene. Hygiene requires Bio-Safety.

Discover how Aerolite ceilings offer complete antimicrobial protection for maximum Bio-Safety.

### **Bio-Safe ceilings**

- Made of inherently inorganic material
- Anti-Microbial and Anti-Bacterial
- Fungae-free
- GRIHA accredited





## Humidity

- Humidity breeds fungae
- Humidity resistant ceilings prevent the growth of the fungae
- All Aerolite ceilings are RH100 products
- RH100 ceilings are the safest option for Hospitals

# Air quality

- Aerolite ceilings emit ZERO VOC
- We do not use Formaldehyde for bonding or Neocide to avoid bacteria and fungae growth





### **Tested stringently for Bio-Safety**

Aerolite Anti-Microbial Bio-Safe ceiling tiles have been tested as per the stringent JIS-Z-2801 & ASTM-G-21 standard by NABL accredited labs and found to be completely protected from bacteria, fungi, yeast and mould when exposed at room temperature and AC temperature. These tests revealed that the tile is protected and is free from colony-forming units. This property ensures that the product can be used in healthcare facilities. As the product is inherently organic, it does not promote microbial activity.

# Fire rating

Aerolite Bio-Safe ceiling tiles have been tested as per ASTM E84 and UL 723 standards and were found to be Class-1 or Class-A rated.

- Flame Spread Index(FSI) 0 (Class 1/A: 0-25)
- Smoke Developed Index 5 (Class 1/A: 450 maximum)



# CPWD ACCREDITED ANTI-MICROBIAL BIO-SAFE COATED FALSE CEILING TILES



# Government of India Central Public Works Department

# **DELHI SCHEDULE OF RATES 2019**

#### Published under the Authority of Director General, CPWD, New Delhi

Providing and fixing false ceiling at all heights with integral densified calcium silicate reinforced fiber and natural filler false ceiling tiles of size 595x595 mm of approved texture design and patterns as per CPWD specifications 2019 to be laid in true horizontal level suspended on interlocking metal t grid of hot dipped galvanized iron section of 0.33 mm thick (galvanized at 120 grams per sqm including both sides) comprising of main -T runners of size 24x38 mm of length 3000mm, cross-T of size 24x32 mm of length 1200 mm and secondary Intermediate cross-T of size 24x32 mm of length 600mm to form grid module of size 600x600 mm suspended from ceiling using galvanized mild steel items (galvanizing at 80 grams per sqm) i.e.,12x50 mm long dash fastners, 6mm dia fully threaded hanger rod up to 1000 mm length and L-shape level adjuster of size 76x25x25x1.6 mm fixed with grid and Z cleat of size 25x37x25x1.6 mm thick with precut hole on both 25mm flange to pierce into 12x50 mm or even bigger size dash fastener if require, fixed with galvanized iron perimeter wall angle of size 24x24x0.40 mm of length 3000mm to be fixed on periphery wall/ partition with the help of plastic rawl plugs at 450 mm centre to centre and 40 mm long dry wall S.S. screws. The work shall be carried out as per specifications, drawing and as per directions of the Engineer-in-charge.

2019 DSR has been incorporated with respective items no. 26.22, 26.23, 26.24 and 26.25 of Light Weight Calcium Silicate tiles. Item No: 26.22.2 incorporates <u>Anti-Microbial Bio-Safe</u> coated Light Weight Calcium Silicate tiles conforming to JIS-Z-2801 and ASTM-G-21.

# **TEST CERTIFICATES OF OUR BIO-SAFE CEILING TILES**

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# THE BIO-SAFE RANGE OF DESIGNS





### **About us:**

We are the only manufacturers of non-combustible lightweight calcium silicate ceilings in India. Our first manufacturing unit was set up in Hyderabad in 2002. In April 2019, we commissioned a second plant in Hyderabad which boasts state-of-the-art technology and process automation. We are now a strong team of 250+ employees with a strong client base in the public and private sector spread over all regions of India.

# An aspect of pride:



We have been envisioning an #AatmanirbharBharat since our inception. We do not import any raw material and technology for manufacturing our products. We are extremely proud to be doing our part in making our India self-sufficient. We encourage our partners and associates to go **#VocalForLocal** by choosing indigenous products like Aerolite.

#### WE ARE 100% MADE IN INDIA

### **Contact us:**

#### **Aerolite Industries Private Limited** Mekaguda Village, Nandigama (Mandal). Ranga Reddy District - 509 223,

Telangana, India.



+91 40 2344 2261

+91 93912 17111 (Enquiry / Sales Support)



aerolite@applind.com

www.aeroliteceilings.com



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