

GYPREX[®] ASEPTA

Dedicated to Hygiene. Committed to Healing.



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Published - Feb 2022

Gyprex® Aseptia

ANTI - MICROBIAL CEILING TILES

Highest Level of Health and Hygiene Starts From the Top

Creating a healthier and safer environment has always been a priority and the unprecedented pandemic makes it imperative to choose the right product, now more than ever.

Gyproc, India understands the demanding nature of the healthcare landscape and is revolutionizing it with

#CeilingsThatProtect



UPTO
99.9%
KILL RATE
IN 24 HOURS



Presenting **Gyprex® Aseptia**, a PVC laminated gypsum tile used in grids to form a demountable suspended ceiling with up to 99.9% kill rate in just 24 hours.

Designed for the highest level of health and hygiene applications, this ceiling tile has a smooth & wipe-able surface with an integral biocide preventing further growth of bacteria & fungi.

Physical Properties



Size (mm) - **595 x 595**
Thickness (mm) - **9.5**



Colour - **White**



Edges - **Square**



Rear side - **MPL film**
(to diffuse heat & vapour)



Edges - **Sealed with edge tape on all four sides**



Surface - **Biocidal PVC**

Technical Properties



Standard Compliance -
EN 520, BS EN 14190:2014



Fire Classification -
Euroclass B-s1, d0



Humidity Resistance -
RH 70% (Continuous exposure)
RH 90% (Intermittent exposure)



Loading Capability -
Max 3kg per tile
Max 2mm deflection



No Particulate Emission

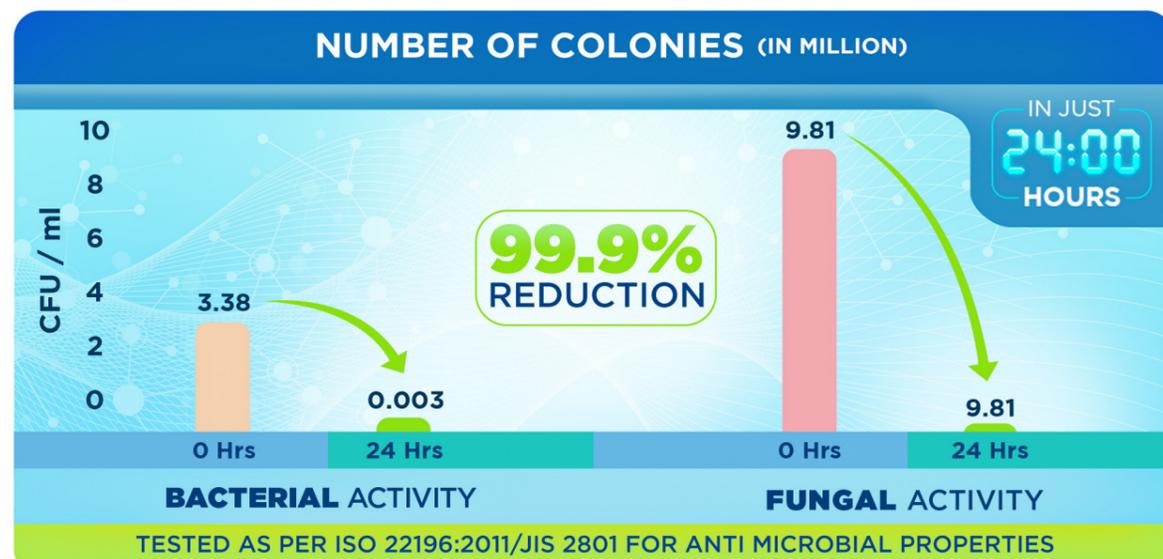
TILES READY TO MAKE A DIFFERENCE IN THE HEALTHCARE & HYGIENE SECTORS

With exceptional hygiene benefits, **Gyprex® Aseptia** is the answer to delivering extraordinary healing combined with protection.



Anti - Microbial

The PVC film contains an integral Biocide that protects the surface from the growth of bacterial species such as *Escherichia Coli*, *MRSA* and fungal species such as *Candida Albicans* & *Aspergillus Niger*. The biocide is an integral component of the vinyl film, and will continue to offer protection for the lifespan of the tile.



Easy Maintenance & Cleanability

The vinyl surface of these tiles makes it easy to clean—a damp cloth with some water and detergent and the work is done. Rest assured, the cleaning process does not affect their antimicrobial performance.



ISO 5/Class 100 Certified

Surface covered with pvc film, rear side with MPL film & all 4 side edges covered with edge tape making it suitable for clean room application classified according to **ISO 14644-1: 2015**. No particulate emission.

Other Benefits



MPL Film on the Rear Side



Light Reflectance LR - >80%

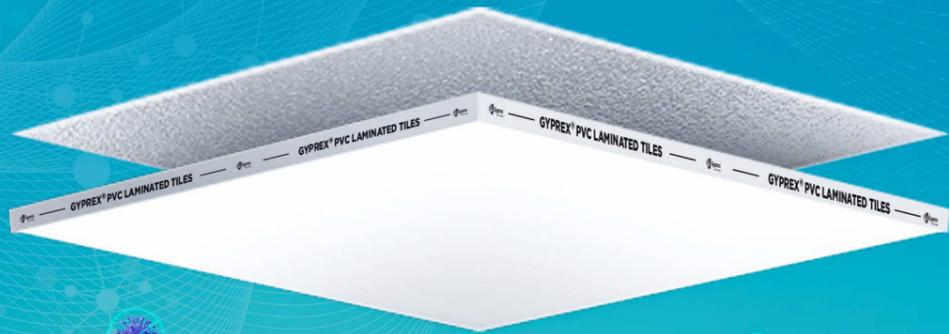


Finished Product Easy to Install



Gypsum Core- 100% Recyclable





AREAS OF APPLICATION

Industries like healthcare, research and development, food processing labs and many others demand high levels of hygiene and infection control.

Gyprex® Aseptia has been designed keeping sanitation protocols of such spaces in mind to exceed and deliver the pre-defined industry standards of hygiene.



Healthcare

Infection prevention and control practices play a key role in reducing antibiotic resistance in hospitals. Integrating hygienic and quality healthcare infrastructure with the standard precautions related to hygiene & sanitation majorly contributes to reducing healthcare-associated infections resulting in faster recoveries and a significant reduction to cost to the health system.

Gyprex® Aseptia reacts with the microbial species such as Escherichia coli, Staphylococcus aureus, Bacillus Cereus, Klebsiella Pneumoniae, Pseudomonas aeruginosa, Enterococcus hirae and Staphylococcus pneumonia with kill rate of up to 99.9% in just 24 hours tested as per **ISO 22196:2011/ JIS 2801**.



Clean Room/ R&D

Sterility is the highest priority when it comes to research facilities, demanding stringent sanitation of all surfaces in the environment and eliminating the presence of air particulates that could influence experiments. **CLEAN ROOM** requirements vary on the activity(use) and also depends on the particles size to be filtered, the recommended air change rate and sources of contamination.

Designed to provide an ultra-clean environment, Gyprex® Aseptia is **ISO 5/ Class 100 Certified** according to ISO 14644-1, making it the most effective solution for controlled and microbes free spaces.

Standards for Infection Control

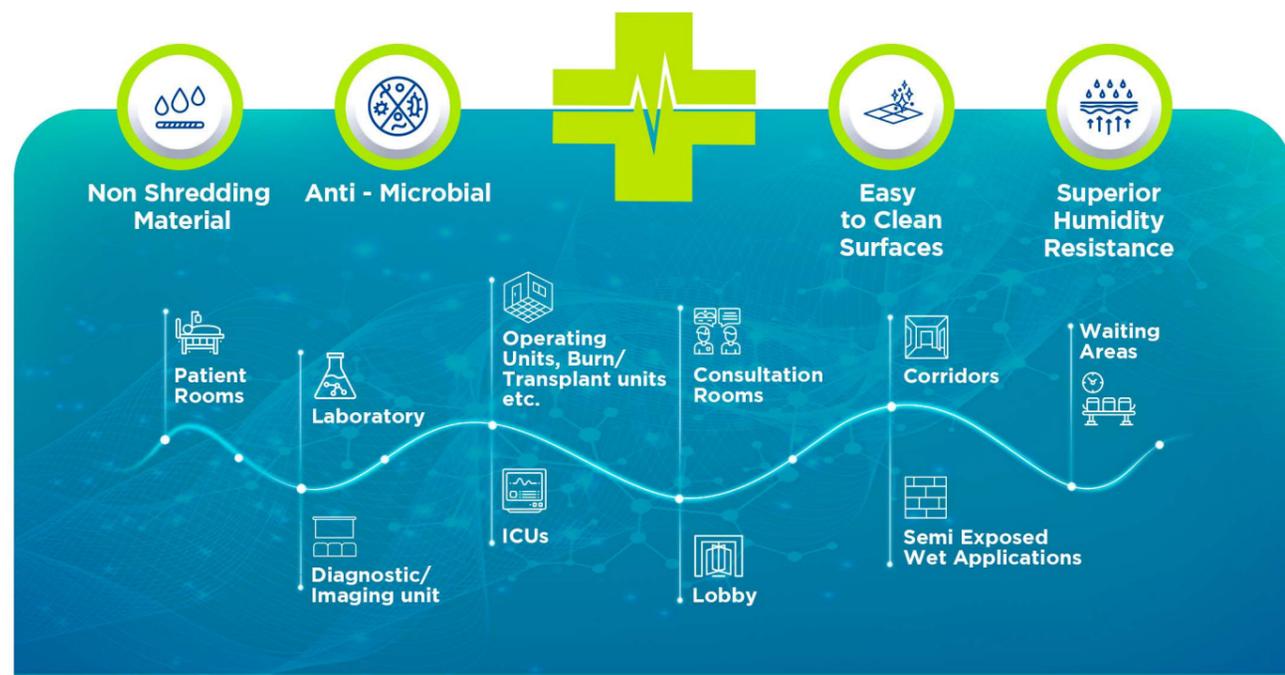
NF S 90-351
(Meeting highest demands with Risk Zone 4)



Indian Health Facility Guidelines



AIA, NABH Guidelines



And many more

- Semi exposed wet applications
- Shops & Boutiques
- Infrastructure
- Common areas in offices