# Envirowall Clean Room Ceiling Panels

## DESCRIPTION

Envirowall Clean Room ceiling panels are pre-decorated gypsum lay in ceiling panels designed for low particle emission and maximum cleanability.

## USES

Envirowall Clean Room ceiling panels are designed for use in restaurant and institutional kitchens, food processing plants and supermarkets.  Other uses include clean room ceilings in electronic, research and related manufacturing facilities, office buildings and hospitals.

## ADVANTAGES

Pre-decorated:  The 2 ml laminated white vinyl finish eliminates the need for additional finishing.
Installation:  Envirowall clean room ceiling panels cut easily and install in standard exposed grid systems.
Cleanability:  The USDA approved 2 ml vinyl surface has a subtle emboss making it easy to clean.  It also provides excellent light reflection of 96.8%.
Low Particle Emission:  Factory sealed edges and back provide low particle emission.

## LIMITATIONS

Do not use in areas where there is direct exposure to water.
Do not use in areas of high humidity or excessive moisture such as swimming pool, shower dressing rooms, etc.
Limit
Provide ventilation in unheated or enclosed spaces above ceiling panels.
Provide retainer or hold down clips in installations where wind or sudden air pressure change may cause panel uplift.
For outdoor applications, use only a suspended system approved for exterior use.

## TECHNICAL DATA

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| Substrate: | ½" thick Type X gypsum core |
| Sizes: | |
| ½" x 2' x 4' | (Actual size 23 ¾" x 47 ¾") |
| ½" x 2' x 2' | (Actual size 23 ¾" x 23 ¾") |

Custom sizes available upon request

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|---|---|
| Facing: | 2 mil USDA accepted white vinyl, washable |
| Backing: | White vinyl. |
| Edges: | Sealed edges (optional sealed or raw gypsum edges) |
| Weight: | Approximately 2 lbs per square foot. |
| Light Reflectance | 96.8% |

Surface Burning Characteristics as tested in accordance with the standard CAN/ULC S102.

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|---|---|
| Flame Spread | 20 |
| Smoke Developed | 40 |

## INSTALLATION

Envirowall clean room ceiling panels are designed to be installed in standard 15/16" exposed grid systems with grids either 2' x 4' or 2' x 2'.  Grid installation should be according to grid manufacturers' specifications.

## CLEANING

To remove most common dirt and marks, simply rub lightly with a moistened cloth or sponge using a mild soap, detergent or non-abrasive cleaner.  Rinse with water and dry.  The use of strong organic solvent cleaners or steel wool is not recommended.  If the suitability of a cleaning material is unknown, check how it affects the panel surface in a hidden area or on a scrap piece before attempting to remove a stain on a panel in an exposed area.

## PAINTING

Envirowall clean room ceiling panels are factory finished and do not require painting.  However, if desired, panels can be painted with the following products:

1.  Two coats of alkyd or latex semi-gloss enamel.

2.  Oil primer with finish coat of oil paint or flat latex.

3.  Two coats of flat oil paint.