

## **MSM Global One EcoTile Ceiling Panels Product Specifications**

MSM Global One, LLC, 402 E Warren St, Middlebury, IN 46540

Phone: 1-844-825-1500; Fax: 574-825-1515 Website: [www.msmsglobalone.com](http://www.msmsglobalone.com)

### **PRODUCT FEATURES**

- **DESCRIPTION**
  - Extruded polyvinylchloride (PVC) ceiling tile
- **BASIC USES / RELATED USES**
  - Sized to be installed in metal, fiberglass or vinyl lay-in ceiling grids.
  - Panels are factory cut for installation
  - Suitable spaces for application include restaurants, hotels, food processing plants, bottling plants, clean rooms, labs, etc.
- **PRODUCT ATTRIBUTES AND CHARACTERISTICS**
  - 100 percent recyclable content.
  - Flat or decorative printed surface.
  - Finish: White, paintable surface.
  - Sizes: 23.75 x 23.75 inch (604 x 604 mm), 23.75 x 47.67 inch (604 x 1211 mm).
- **ENVIRONMENTAL**
  - Resistant to fungi and bacteria growth
  - PVC site cuttings and unused pieces can be collected and recycled.
  - Product may be recycled upon final disposal.
  - No yellowing or color change in corrosive environments
- **PACKAGING, HANDLING, PROTECTION, AND DELIVERY INSTRUCTIONS**
  - Deliver materials within original cartons and take care to handle and protect against unnecessary damages such as moisture, breakage, dirt, surface soiling, etc.
  - Allow all ceiling components to acclimate to room temperatures before installation.
- **AVAILABILITY**
  - Nationally and internationally.
- **QUALITY ASSURANCE**
  - Sanitary Panel shall comply with:
    - United States Department of Agriculture (USDA) requirements for food preparation facilities, incidental contact.
    - Food & Drug Administration (FDA) 1999 Food Code 6-101.11.
    - State of California Proposition 65

**PRODUCT PROPERTIES****● SHAPE, MASS, AND DIMENSIONS**

- Factory cut for installation for lay-in suspension grids
- MATERIAL, COMPOSITION, AND DESIGN
  - Material: Virgin grade, rigid, polyvinyl chloride (PVC).
- Available Sizes (nominal):
  - 604 x 604 mm (23.75 x 23.75 inches) 5/32" thick (4 mm)
  - 604 x 1211 mm (23.75 x 47.67 inches) 5/32" thick (4 mm)

**● FINISH, COLORS AND TEXTURES**

- Commercial Flat EcoTile – Smooth finish
  - Part Numbers
    - 2'X 2' – 200-000 (White)
    - 2'X 2' – 200-004 (Black)
    - 2'X 4' – 400-000 (White)
    - 2'X 4' – 400-004 (Black)
- Techno EcoTile: White embossed surface
  - Part Numbers
    - 2'X 2' – 210-000 (White)
    - 2'X 2' – 210-004 (Black)
    - 2'X 4' – 410-000 (White)
    - 2'X 4' – 410-004 (Black)
- Staccato EcoTile: 3D Plaster Pattern surface
  - Part Numbers
    - 2'X 2' – 220-000 (White)
    - 2'X 4' – 420-000 (White)
- Matrix EcoTile: 3D Triangle Pattern surface
  - Part Numbers
    - 2'X 2' – 230-000 (White)
    - 2'X 4' – 430-000 (White)
- Ingot EcoTile: Rectangular Pattern surface
  - Part Numbers
    - 2'X 2' – 240-000 (White)
    - 2'X 4' – 440-000 (White)
- Fissure EcoTile: White Printed surface simulating acoustical fissure tile
  - Part Numbers
    - 2'X 2' – 260-000 (White)
    - 2'X 4' – 460-000 (White)

**PRODUCT PROPERTIES** *(continued)*

● **MATERIAL**

- Extruded polyvinylchloride (PVC) with plain embossed or printed surface, 100% recyclable content.

● **PERFORMANCE  
CHARACTERISTICS**

- Resistant to fungi and bacterial growth, cleaning agents, acids, & other chemicals
- No yellowing or color change in corrosive environments
- Fire tested in accordance with ASTM E84: Class A Flame Spread (0-25) Flame spread Index (FSI) (0-450) Smoke Development Index (SDI)
  - EcoTile 2 x 2 = 25 FSI
  - EcoTile 2 x 4 = 0.0 SDI

● **FEATURES**

- 100% Waterproof & Washable
- Mold, mildew and bacteria resistant
- Non-shedding
- Impact and damage-resistant
- Sag resistant (due to condensation, water or humidity)
- USDA, FDA and Health Department Compliant
- Indoor or outdoor use
- 25 Year Limited Warranty against moisture damage
- UV resistant to indirect sunlight
- Recyclable
- UL 94 Rating – V-0

## PRODUCT PLACEMENT

### ● DELIVERY & STORAGE

- During delivery & storage keep sanitary panels flat on a smooth dry surface.
- Avoid extreme temperature changes
- Do not install until building is enclosed, painting is complete, and temperature/humidity are similar to completed, occupied building.

### ● PREPARATION WORK

- Prior to installation, store materials for 24 hours minimum in area of installation to achieve temperature stability.
- Perform installation as late as possible in the building process after any dust generating activities have been completed.
- Install grid in accordance with grid installation instructions.

### ● INSTALLATION / ERECTION

- Plan room layout providing equal border widths on each side of room, in both directions.
- Cutting Panels: \*\*\*The sanitary panels can be easily field cut since they do not contain fiberglass or other irritants \*\*\* Using a utility knife and straight edge, score the finish side of the panel. Bend panel at the score mark and snap apart.
  - To cut panels to fit irregular perimeter edge trim, measure distance between T-bar centers, or between the T-bar center and closest edge of wall molding.
  - Cut with a circular or table saw. Use hole saw to cut penetrations for recessed light fixtures, sprinkler heads and other components.
  - Utility knife: Use utility knife by scoring finished side and breaking away excess.
  - If hold-down clips are used, reach over the installed panel and snap over grid members.
  - Remove all debris from space above the ceiling.
  - Protect ceiling form subsequent construction activity.

### ● MAINTENANCE INSTRUCTIONS AND PROCEDURES

- Vacuum or brush panels to remove dust.
- Clean with any household cleaner, but avoid solvents or lacquer thinner.
- Spray detergent onto clean rag and wipe.
- Do not use abrasive cleansers to scrub.
- MSM Global One EcoTile panels can withstand power washes.

### **Corporate Identification**

MSM Global One, LLC  
402 E Warren St  
Middlebury, IN 46540  
Phone - Toll Free: 1-844-825-1500  
Fax – 574-825-1515  
Email: [info@msmglobalone.com](mailto:info@msmglobalone.com)

Website: [www.msmglobalone.com](http://www.msmglobalone.com)

### **Product & Technical Services Available**

Products & technical services available US, Canada, Caribbean & International.  
Toll Free: 844-825-1500  
Email: [info@msmglobalone.com](mailto:info@msmglobalone.com)

### **Classification and Filing**

Master Format 1995  
    Section 09510 - PVC Ceiling Panels  
Master Format 2004  
    Section 09 51 00 - PVC Ceiling Panels  
Uni Format  
    Section C3030 - Ceiling Finishes