



# PRODUCING CEILING TILES DESIGNED FOR IMPROVED AIR QUALITY

The importance of indoor air quality is a priority at OWA.

**People spend as much as 90% of time indoors**

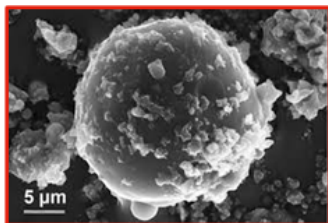


Did you know:

- Pollutant concentration is **2-5x higher** indoor vs. outdoor
- Indoor air quality is the **8th** highest risk factor
- **1.5-2 million** deaths annually
- **Diseases linked** to poor indoor air quality include acute and chronic respiratory disorder and lung function impairment

## HOW DOES CEILING MANUFACTURING & SELECTION PLAY A ROLE IN INDOOR AIR QUALITY?

**OWA Octave ceiling tiles release 10x less particulate matter than medical grade for improved IAQ**



Microscopic Particles

What is particulate matter?

- Particulate matter is a mixture of solid particles and liquid droplets found in the air that range in size from large enough to be visible by the naked eye or microscopic

**Reducing particulate matter release with low air permeation improves HVAC efficiency**

- Less particulate matter & less leakage in ceiling creates more efficient HVAC system

**For more detailed information on Indoor Air Quality**

- Read "Only Important in Spaces Where Breathing is Required"





# PRODUCING CEILING TILES THAT ARE BETTER FOR THE PLANET

OWA has made an ideological shift to produce ceilings to reduce our carbon footprint while delivering a product more durable with improved indoor air quality for people in space.

## How our products are manufactured:

- Removal of blast furnace slag in production to lower carbon footprint
- Produced with naturally sourced raw materials including dolomite and sand

## The results of this commitment includes:

- **More durable product** less inclined to break or crumble which decreases air permeation
- **122% less carbon** used during production with the elimination of blast furnace slag
- **Entire Octave line is ISO 4** and releases 10 times less particulate matter than medical grade
- **10x less** air permeation compared to fiberglass
- **With ISO 4: Less than 5 minutes** in Decontamination Class testing for ventilation system to clear air of particulate matter **compared to 20 minutes** when ISO 7 boards used
- **Less energy output** due to low air permeation, allowing ventilation equipment to be more efficient in clearing combustibles
- All OWA ceiling tiles are **Red List Free**

For more detailed information on our commitment to sustainability:

- Read "Sustainability at OWA"

