

# RMP GLOBAL

## RenewWalls®

Building a Cleaner Future with Recycled Noise Walls

### Our Vision

Building durable noise barriers that foster tranquil environments while contributing to waste reduction and environmental well-being.

### RMP Global has the solution

Through recycling and rotational molding capabilities, we're turning local waste into noise walls of the future. This provides second life for single-use plastics destined for landfills and waterways, giving them a meaningful role in building innovative infrastructure.



#### Effective Noise Reduction

With an STC rating of 35, our walls are proven to inhibit noise pollution.



#### Built from Recycled Material

We take waste out of landfills and waterways and build noise walls.



#### Reduced Installation Time & Costs

Switching from concrete will cut labor costs by 50%, while also lowering material costs overall.



#### Design Forward

The variety of colors and patterns to choose from enables architects to create aesthetic infrastructure.



#### Benefits of RMP Products:

- Low carbon footprint
- Made in USA
- No maintenance
- Fully recyclable
- UV & graffiti resistant
- Lightweight
- Unlimited colors & patterns

**RMP GLOBAL**

**SCHEDULE A CALL TODAY**

info@rmpglobal.com

# RMP Specifications



## Acoustic Reflective

Test Method:  
ASTM E90

Result Achieved: STC 35



## Acoustic Absorptive

Test Method:  
ISO 354

Result Achieved: NRC 0.85  
Similar to ASTM C423



## Freeze / Thaw

Test Method:  
ASTM D6944

Result Achieved: No visual  
changes or cracking



## Thermal Expansion

Result Achieved: 0.16%/10°C

Acceptance Criteria: 0.10%  
to 0.20% per 10°C



## Resistance to Fire

Test Method:  
AS 1530

Result Achieved: Pass  
Similar to ASTM E84



## Resistance to UV Light Exposure

Test Method:  
ASTM G154

Result Achieved: Pass



## Organic Growth

Test Method:  
ASTM 3273 & ASTM G21-15

Result Achieved: Excellent



## Flexural Strength

Test Method:  
ASTM D790

Result Achieved: 26.4 MPa

Acceptance Criteria: >=15 MPa



## Impact Resistance

Test Method:  
Object: AS/NZS 4766

Result Achieved: Resisted at 124J  
Acceptance Criteria:  $\geq 90$

Similar to ASTM D256

Stone: EN 1794  
Results Achieved: C (Pass)  
Acceptance Criteria: Impact  
sustained without critical failure

Similar to ASTM D7136



## Salt Fog

Test Method:  
ASTM B117-19

Result Achieved: Excellent

Acceptance Criteria:  
No change in appearance at 1,000  
hours of exposure