

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

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SCHEDULE A CALL TODAY

info@rmppglobal.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: ≥ 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