

RMP GLOBAL RenewWalls®

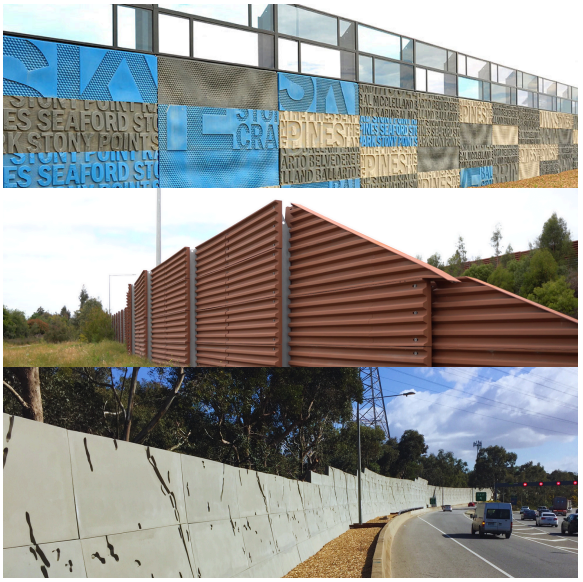
Building a Cleaner Future with Recycled Noise Walls

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 38, our walls are proven to inhibit noise pollution.

Built from Recycled Material

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

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

Memtech Acoustics

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RMP Specifications

Acoustic Reflective

Test Method:
AS 1191
Result Achieved: STC 39

Similar to ASTM E90 / E413
Acceptance Criteria:
STC = 38 or greater

Acoustic Absorptive

Test Method:
ISO 354
Result Achieved: NRC 0.85

Similar to ASTM C423
Acceptance Criteria:
NRC = 0.75 or greater

Flexural Strength

Test Method:
ASTM D790
Result Achieved: 26.4 MPa

Acceptance Criteria:
>=25 MPa

Impact Resistance (Object)

Test Method:
AS/NZS 4766
Result Achieved: Resisted at 124 J

Similar to ASTM D256
Acceptance Criteria:
Resist on impact energy of 90 J at -40°C

Impact Resistance (Stone)

Test Method:
EN 1794
Result Achieved: C (Pass)

Similar to ASTM D7136
Acceptance Criteria:
Impact sustained without critical failure.

Thermal Expansion

Result Achieved: 0.16%/10°C

ASTM E831 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

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