

FUSION V2

Rombus Fusion V2 builds on the trusted performance of our original grid with added strength, speed, and simplicity. Its thicker profile, upgraded hexagonal cell structure, and overlapping joints offer improved load distribution and a smoother, more seamless finish, especially in high traffic or fatigue prone areas.

It's designed to cover more ground per sheet, reduce the need for expansion joints, and streamline installs. Saving time without compromising durability.

Ideal for industrial yard slabs and pavements, container yards, mining, and repeated-load zones, Fusion V2 is the go-to when you need a smarter, cleaner, heavy-duty solution.



STRONGER



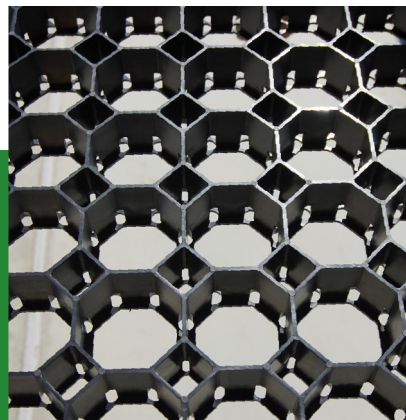
SMOOTHER



HEAVIER LOADS



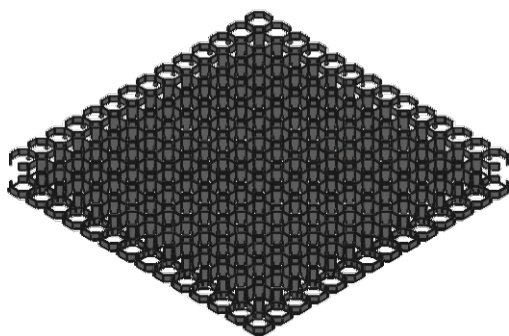
HONED FINISH



CLOSE UP OF EMPTY GRID



4 SHEETS JOINED



ROMBUS FUSION V2 QUICK VIEW

Size: 1166mm x 1166mm x 48mm

Gross Area per Sheet: 1.36 m²

Colour: Black

Fusion V2 takes the trusted Rombus grid to the next level. Stronger, smoother, and built for heavier loads.

CANZAC® | GROUP

Improving the performance of concrete worldwide®

0800 422 692 | info@canzac.com | www.canzac.com

ROMBUS FUSION V2 SPECIFICATION



PANEL DIMENSIONS & EFFECTIVE COVERAGE

OVERALL SHEET DIMENSIONS	1166mm x 1166mm x 48mm
EFFECTIVE NET COVER	1085mm x 1085mm (Due to overlap jointing arrangement)
NET COVERAGE PER SHEET	1.18m ²
GROSS AREA PER SHEET	1.36m ²
OVERLAP WIDTH	81mm per side (top and left edges)

PACKAGING DETAILS

SHEETS PER PALLET	46
COVERAGE PER PALLET	54.3m ²
PALLET DIMENSIONS	1165mm x 1165mm x 2328mm
PALLET WEIGHT	+/- 285kg

FILL SPECIFICATIONS

FILL MATERIAL	15 - 50 MPa Concrete Assumes Standard 10mm Aggregate
FILL DEPTH (CELL DEPTH)	48mm (0.048m)
CONCRETE VOLUME PER M ₂	+/- 0.0537m ³
CONCRETE VOLUME PER M ₂	+/- 0.0458m ³
SHEETS PER M ₃ OF CONCRETE	+/- 18.6 (+/-22m ²)
CONCRETE REQUIRED PER 100M ₂	+/- 4.6m ³
CONCRETE PER PALLET (46 SHEETS)	+/- 2.47m ³

Rombus is proudly Aussie owned, designed, and made. Manufactured in Adelaide from recycled Australian plastic, with our head office in Perth, we're all about smart, sustainable surfaces built for tough conditions.

STRUCTURAL BEHAVIOUR (INITIAL PERFORMANCE INSIGHT)

Modular panel resists vertical compression through lateral load distribution.

Controlled micro-deflection under load improves subgrade interface friction.

V2 system includes joint overlaps for shear load transfer and lock-in alignment.

V2 system appears to accommodate thermal expansion and contraction within the confines of each individual cell, reducing system-wide stress.

Polymer blend: Recycled PP Copolymer with black masterbatch and filler.

MATERIAL PROPERTIES - POLYPROPYLENE GRID

DENSITY	0.92 - 0.9g/cm ³	Ecoblue / Internal
MELT FLOW INDEX (238°C, 2.16kg)	5 - 10g/10 Min	ASTM D1238
TENSILE STRENGTH	>22 MPa	ASTM D638
ELONGATION AT BREAK	>20%	ASTM D638
FLEXURAL MODULUS	>900 MPa	ASTM D790
NOTCHED IZOD IMPACT	>100 J/m	ASTM D256
ASH CONTENT	2 - 6 %	ASTM D5630
UV RESISTANCE	Pending	ASTM G154 (planned)
CREEP RESISTANCE	Pending	ASTM D2990 (planned)

CANZAC® | GROUP

Improving the performance of concrete worldwide®

0800 422 692 | info@canzac.com | www.canzac.com

CANZAC®
Under Slab - In Slab - On Slab

LESA
SYSTEMS
REINFORCED CONCRETE FLOOR SYSTEMS

MONSTA-SLAB

converge

ROMBUS
INDUSTRIES

CANZAC®
Concrete Lifting Systems®