



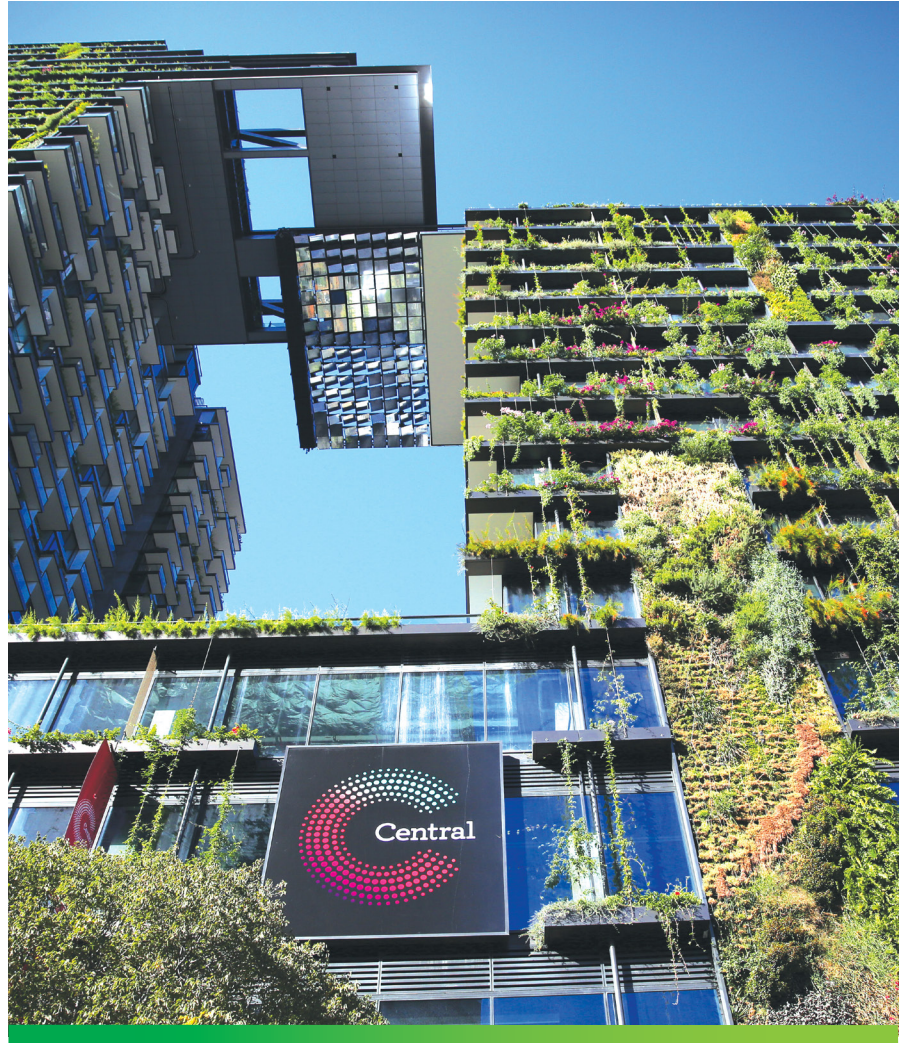
**Building
something
great**

Low carbon concrete for every application

Boral's low carbon concrete range is developed to support sustainability objectives while maintaining durability and performance. Each mix is engineered to reduce embodied carbon without compromising early age strength, shrinkage control or project timelines.

The range comprises ENVIROCRETE®, ENVIROCRETE® PLUS and ENVISIA® concrete, offering escalating performance benefits to suit standard through to high-performance applications. These products are suitable for conventional pours, precast elements and post-tensioned slabs.

Suitable for use across residential, commercial, multi-residential, high-rise, civil and infrastructure projects.



ENVIROCRETE®		ENVIROCRETE® PLUS	ENVISIA®
ENVIROCRETE 30%	ENVIROCRETE 40%		
ENVIROCRETE® is suitable for all general applications where good early age strength and low drying shrinkage are not required.		ENVIROCRETE® PLUS has good early age strength and can be used for some post tensioned applications. It also has good drying shrinkage characteristics which will comply with the shrinkage requirements in most engineering specifications.	ENVISIA® has excellent early age strength and drying shrinkage characteristics. It can be used for all standard post tensioned concrete applications and their low shrinkage characteristics provides engineers and architects with more design options. ENVISIA® has a light colour which provides architectural benefits, and has excellent resistant to chloride ingress making it suitable for marine environments.

ENVIROCRETE®		ENVIROCRETE® PLUS	ENVISIA®
ENVIROCRETE 30%	ENVIROCRETE 40%		
Product Details			
Boral's ENVIROCRETE® concrete is a low carbon concrete product which complies with AS 1379. ENVIROCRETE® contains supplementary cementitious materials to reduce the portland cement content. ENVIROCRETE® concrete is available with two levels of portland cement reduction. ENVIROCRETE® 30% has a minimum portland cement reduction of 30% compared to the GBCA and ISC reference case and ENVIROCRETE® 40% has a minimum portland cement reduction of 40% when compared to the GBCA and ISC reference case. ENVIROCRETE® 30% and 40% are ideal for general applications where high-performance concrete is not required.		Boral's ENVIROCRETE® PLUS concrete is a low carbon concrete product which complies with AS 1379. ENVIROCRETE® PLUS contains supplementary cementitious materials to reduce the portland cement and the minimum reduction in portland cement compared to the GBCA¹ and ISC² reference case is 45%. ENVIROCRETE® PLUS also has enhanced engineering properties compared to the ENVIROCRETE® range. The early age strength and drying shrinkage are superior to ENVIROCRETE®.	Boral's ENVISIA® concrete is a low carbon concrete product which complies with AS 1379 and has excellent engineering properties. It contains supplementary cementitious materials to reduce the portland cement and the minimum portland cement reduction compared to the GBCA and ISC reference case is 50%. ENVISIA® combines a proprietary cement technology (ZEP®) which gives it good early age strength, low shrinkage characteristics and excellent durability characteristics in a marine environment.
Features and Benefits			
• Low portland cement. • Low embodied carbon. • General applications. • Suitable for projects targeting a GBCA¹ or ISC² rating.		• Low portland cement. • Low embodied carbon. • Low drying shrinkage. • Good early age strength, suitable for most standard post tension applications. • Suitable for projects targeting a GBCA or ISC rating. • Improved early age strength and drying shrinkage compared to the ENVIROCRETE® products.	• Low portland cement. • Low embodied carbon and achieves up to 50 per cent reduction in shrinkage when compared to conventional sustainable concrete mixes. • Very low drying shrinkage. • Good early age strength, suitable for all standard post tension applications. • Excellent resistance to chloride ingress. • Light colour provides architectural benefits and enhances use of coloured oxides. • Good off-form finish. • Suitable for projects targeting a GBCA¹ or ISC² rating. • Improved early age strength and drying shrinkage compared to the ENVIROCRETE® and ENVIROCRETE® PLUS products.

	ENVIROCRETE®		ENVIROCRETE® PLUS	ENVISIA®
	ENVIROCRETE 30%	ENIVROCRETE 40%		
Environmental properties				
Reduction in portland cement ₃	≥ 30%	≥ 40%	≥ 45%	Up to 50%
Reduction in portland cement ₃ (Typical range)	30% - 70%*		45% - 70%*	50% - 70%*
Reduction in embodied carbon ₄	Up to 45%	Up to 50%	Up to 50%	Up to 60%

* subject to technical review and local availability.

Typical GWP reduction (AUSLCI)⁵

NSW - Sydney	25.5%	36.2%	34.5%	41.0%
VIC - Melbourne	16.2%	25,4%	26.1%	29,4%
QLD - Brisbane	19.9%	40.1%	37.5%	35,4%
WA - Perth	31.3%		35.7%	39.9%
SA - Adelaide	41.5%	45.8%	49.7%	56.3%

Engineering and durability properties

Early age strength	●	●	● ●	● ● ●
Drying shrinkage	●	●	● ● ●	● ● ● ●
Durability in a marine environment	● ●	● ●	● ● ●	● ● ● ●
Patented ZEP™ activator	N/A	N/A	ZEP™ Activator Technology	ZEP™ Activator Technology

Legend: ● Good ● ● Very Good ● ● ● Excellent ● ● ● ● Superior

	ENVIROCRETE®		ENVIROCRETE® PLUS	ENVISIA®
	ENVIROCRETE 30%	ENIVROCRETE 40%		
Applications				
Standard Mixes - Footpaths, house slab, driveways and others	■ ■ ■		■ ■	■
Piling - All types of piling	■ ■		■ ■ ■	■
Columns - Vertical applications	■ ■ ■		■ ■ ■	■ ■ ■
Wall/Stairs - All wall applications	■ ■ ■		■ ■ ■	■ ■ ■
Blockfill - Blockfill / Corefill	■ ■ ■		■ ■	■ ■
PT Slabs - Post Tension / High early strength	■		■ ■	■ ■ ■
Precast - High early strength	■		■ ■	■ ■ ■
Shotcrete - All shotcrete mixes	■ ■ ■		■ ■ ■	■ ■ ■
Footing - General footing mixes	■ ■ ■		■ ■ ■	■ ■ ■
Colour Mixes - Boral Colori® mixes	■		■ ■	■ ■ ■
Exposed - Exposé® range	■ ■		■	■
Polished - Boralstone® range	■ ■ ■		■ ■ ■	■ ■ ■
Tilt-up - Cast insitu / high early strength	■		■ ■	■ ■ ■
Slipform / Jumpform - High early strength	■		■ ■	■ ■ ■
High Strength - up to 65MPa	■ ■ ■		■ ■ ■	■ ■ ■
Industrial Flooring - Warehouses / Factories	■ ■		■ ■ ■	■
Legend: ■ Good ■ ■ Better ■ ■ ■ Best				

	ENVIROCRETE®		ENVIROCRETE® PLUS	ENVISIA®
	ENVIROCRETE 30%	ENIVROCRETE 40%		
Other Applications	Council Footpaths & General Landscaping Low carbon concrete products for special applications		High Slump Shotcrete/Poolmix	High Slump & Piling Shotcrete/Poolmix Colori® Coloured Concrete Boralstone® Decorative Concrete (Honed & Polished) Self Compacting Burnished Marine Grade

Compliance			
AS 1379 Specification for Basic Assessment	Complies	Complies	Complies
Compressive Strength (MPa)	20MPa - 50MPa	20MPa - 80MPa	20MPa - 80MPa
Flexural Strength (MPa)	-	-	Up to 30% improvement over conventional concrete for similar/low compressive strength
Workability	-	-	ENVISIA® can be placed, pumped and finished like conventional concrete.

20MPa			
Compressive Strength - 1 day (MPa)	N/A	~ 5	~ 5
Compressive Strength - 7 days (MPa)	~18	~18	~20
Compressive Strength - 28 days (MPa)	20	20	20
Dry Shrinkage - microstrain (50% RH) - 56 days	<1000	<600	<500
Nominal Dry Shrinkage - microstrain (50% RH) - 56 days	AS 1379	550	Up to 40MPa 20mm - 400 Up to 40MPa 10mm - 450
Maximum Dry Shrinkage - microstrain (50% RH) - 56 days	AS 1379	600	Up to 40MPa 20mm - 450 Up to 40MPa 10mm - 500
Post tensioned applications(MPa@days) - 22MPa @ days	N/A	N/A	N/A
Post tensioned applications(MPa@days) - 25MPa @ days	N/A	N/A	N/A

	ENVIROCRETE®		ENVIROCRETE® PLUS	ENVISIA®
	ENVIROCRETE 30%	ENIVROCRETE 40%		
32MPa				
Compressive Strength - 1 day (MPa)	N/A		~ 8	~ 7
Compressive Strength - 7 days (MPa)	~22		~25	~28
Compressive Strength - 28 days (MPa)	32		32	32
Dry Shrinkage - microstrain (50% RH) - 56 days	<1000		<600	<500
Nominal Dry Shrinkage - microstrain (50% RH) - 56 days	AS 1379		550	Up to 40MPa 20mm - 400 Up to 40MPa 10mm - 450
Maximum Dry Shrinkage - microstrain (50% RH) - 56 days	AS 1379		600	Up to 40MPa 20mm - 450 Up to 40MPa 10mm - 500
Post tensioned applications(MPa@days) - 22MPa @ days	N/A		22MPa @ 5 days	22MPa @ 4 days 22MPa @ 5 days
Post tensioned applications(MPa@days) - 25MPa @ days	N/A		Contact Boral Technical Services	Contact Boral Technical Services

40MPa				
Compressive Strength - 1 day (MPa)	N/A		~ 10	~ 12
Compressive Strength - 7 days (MPa)	~28		~35	~40
Compressive Strength - 28 days (MPa)	40		40	40
Dry Shrinkage - microstrain (50% RH) - 56 days	<1000		<600	<500
Nominal Dry Shrinkage - microstrain (50% RH) - 56 days	AS 1379		550	Up to 40MPa 20mm - 400 Up to 40MPa 10mm - 450
Maximum Dry Shrinkage - microstrain (50% RH) - 56 days	AS 1379		600	Up to 40MPa 20mm - 450 Up to 40MPa 10mm - 500
Post tensioned applications(MPa@days) - 22MPa @ days	22MPa @ 5 days	N/A	22MPa @ 4 days 22MPa @ 5 days	22MPa @ 3 days 22MPa @ 4 days 22MPa @ 5 days
Post tensioned applications(MPa@days) - 25MPa @ days	N/A	N/A	25MPa @ 5 days	25MPa @ 3 days 25MPa @ 4 days 25MPa @ 5 days

	ENVIROCRETE®		ENVIROCRETE® PLUS	ENVISIA®
	ENVIROCRETE 30%	ENIVROCRETE 40%		
50MPa				
Compressive Strength - 1 day (MPa)	N/A		~ 18	~ 18
Compressive Strength - 7 days (MPa)	~38		~48	~48
Compressive Strength - 28 days (MPa)	50		50	50
Dry Shrinkage - microstrain (50% RH) - 56 days	<1000		<450	<450
Nominal Dry Shrinkage - microstrain (50% RH) - 56 days	AS 1379		50MPa 20mm – 450 50MPa 20mm – 500	50MPa 20mm – 450 50MPa 20mm – 500
Maximum Dry Shrinkage - microstrain (50% RH) - 56 days	AS 1379		50MPa 20mm – 500 50MPa 20mm – 550	50MPa 20mm – 500 50MPa 20mm – 550
Post tensioned applications(MPa@days) - 22MPa @ days	N/A		22MPa @ 3 days 22MPa @ 4 days	22MPa @ 3 days 22MPa @ 4 days
Post tensioned applications(MPa@days) - 25MPa @ days	N/A		Contact Boral Technical Services	Contact Boral Technical Services

>50MPa				
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Contact Boral Technical Services for information

	ENVIROCRETE®		ENVIROCRETE® PLUS	ENVISIA®
	ENVIROCRETE 30%	ENVIROCRETE 40%		
Content Declaration (% by Weight) - NSW (Refer to EPD for TfNSW & Special applications)				
General purpose cement	7–18%		7–14%	5–17%
Ground granulated blast furnace slag	0–4%		3–11%	8–12%
Fly ash	2–5%		0–3%	0–3%
Silica fume	-		-	-
Coarse aggregate	38–50%		38–50%	36–50%
Manufactured sand	8–38%		8–38%	8–38%
Natural sand	0–38%		0–38%	0–38%
Admixtures	<0.15%		<0.3%	<0.6%
Steel Fibres	-		-	-
Water	6–9%		6–9%	6–9%

Concrete Mixes (Covered by EPD - NSW)				
Low carbon concrete products for special applications	• ENVIROCRETE® 30% 20MPa • ENVIROCRETE® 30% 25MPa • ENVIROCRETE® 30% 32MPa • ENVIROCRETE® 30% 40MPa • ENVIROCRETE® 30% 50MPa	• ENVIROCRETE® 40% 20MPa • ENVIROCRETE® 40% 25MPa • ENVIROCRETE® 40% 32MPa • ENVIROCRETE® 40% 40MPa • ENVIROCRETE® 40% 50MPa	• ENVIROCRETE® PLUS 20MPa • ENVIROCRETE® PLUS 25MPa • ENVIROCRETE® PLUS 32MPa • ENVIROCRETE® PLUS 40MPa • ENVIROCRETE® PLUS 50MPa • ENVIROCRETE® PLUS 65MPa • ENVIROCRETE® PLUS 80MPa	• ENVISIA® 20MPa • ENVISIA® 25MPa • ENVISIA® 32MPa • ENVISIA® 40MPa • ENVISIA® 50MPa • ENVISIA® 65MPa • ENVISIA® 80MPa
Concrete products for special applications	-	-	-	• ENVISIA® 50MPa PRECAST TUNNEL SEGMENTS
Fibrecrete products	• ENVIROCRETE® 30% 32MPa 20KG STEEL FIBRE • ENVIROCRETE® 30% 40MPa 20KG STEEL FIBRE • ENVIROCRETE® 30% 50MPa 20KG STEEL FIBRE • ENVIROCRETE® 30% 32MPa 25KG STEEL FIBRE • ENVIROCRETE® 30% 40MPa 25KG STEEL FIBRE • ENVIROCRETE® 30% 50MPa 25KG STEEL FIBRE • ENVIROCRETE® 30% 32MPa 30KG STEEL FIBRE • ENVIROCRETE® 30% 40MPa 30KG STEEL FIBRE • ENVIROCRETE® 30% 50MPa 30KG STEEL FIBRE		• ENVIROCRETE® PLUS 32MPa 20KG STEEL FIBRE • ENVIROCRETE® PLUS 40MPa 20KG STEEL FIBRE • ENVIROCRETE® PLUS 50MPa 20KG STEEL FIBRE • ENVIROCRETE® PLUS 32MPa 25KG STEEL FIBRE • ENVIROCRETE® PLUS 40MPa 25KG STEEL FIBRE • ENVIROCRETE® PLUS 50MPa 25KG STEEL FIBRE • ENVIROCRETE® PLUS 32MPa 30KG STEEL FIBRE • ENVIROCRETE® PLUS 40MPa 30KG STEEL FIBRE • ENVIROCRETE® PLUS 50MPa 30KG STEEL FIBRE	• ENVISIA® 32MPa 20KG STEEL FIBRE • ENVISIA® 40MPa 20KG STEEL FIBRE • ENVISIA® 50MPa 20KG STEEL FIBRE • ENVISIA® 32MPa 25KG STEEL FIBRE • ENVISIA® 40MPa 25KG STEEL FIBRE • ENVISIA® 50MPa 25KG STEEL FIBRE • ENVISIA® 32MPa 30KG STEEL FIBRE • ENVISIA® 40MPa 30KG STEEL FIBRE • ENVISIA® 50MPa 30KG STEEL FIBRE

	ENVIROCRETE®		ENVIROCRETE® PLUS	ENVISIA®
	ENVIROCRETE 30%	ENVIROCRETE 40%		
Content Declaration (% by weight) - VIC				
General purpose cement	6–18%		6–11%	4–11%
Ground granulated blast furnace slag	0–13%		5–9%	6–12%
Fly ash	0–13%		–	–
Silica fume	–		–	–
Coarse aggregate	40–50%		40–50%	35–50%
Manufactured sand	0–20%		0–20%	0–20%
Natural sand	22–41%		22–40%	22–40%
Admixtures	<0.2%		<0.4%	<0.8%
Steel Fibres	–		–	–
Water	6–9%		6–8%	6–8%

Concrete Mixes (Covered by EPD - VIC)				
Low carbon concrete products	• ENVIROCRETE® 30% 20MPa • ENVIROCRETE® 30% 25MPa • ENVIROCRETE® 30% 32MPa • ENVIROCRETE® 30% 40MPa • ENVIROCRETE® 30% 50MPa	• ENVIROCRETE® 40% 20MPa • ENVIROCRETE® 40% 25MPa • ENVIROCRETE® 40% 32MPa • ENVIROCRETE® 40% 40MPa • ENVIROCRETE® 40% 50MPa	• ENVIROCRETE® PLUS 20MPa • ENVIROCRETE® PLUS 25MPa • ENVIROCRETE® PLUS 32MPa • ENVIROCRETE® PLUS 40MPa • ENVIROCRETE® PLUS 50MPa • ENVIROCRETE® PLUS 65MPa • ENVIROCRETE® PLUS 80MPa	• ENVISIA® 20MPa • ENVISIA® 25MPa • ENVISIA® 32MPa • ENVISIA® 40MPa • ENVISIA® 50MPa • ENVISIA® 65MPa • ENVISIA® 80MPa
Low carbon concrete products for special applications		• ENVIROCRETE® 20MPa - 40% SCM • ENVIROCRETE® 25MPa - 40% SCM	-	-
	• ENVIROCRETE® TUNNEL BACKFILL • ENVIROCRETE® TUNNEL BACKFILL EXT PUMP • ENVIROCRETE® KERB MACHINE 320KG/M3 • ENVIROCRETE® KERB MACHINE 280KG/M3 • ENVIROCRETE® VR450 14MM DWALL • ENVIROCRETE® VR400 14MM IN SITU TUNNEL LINING • ENVIROCRETE® VR450 14MM IN SITU TUNNEL LINING • ENVIROCRETE® 32MPa - 65% SCM		-	-

	ENVIROCRETE®		ENVIROCRETE® PLUS	ENVISIA®
	ENVIROCRETE 30%	ENVIROCRETE 40%		
Content Declaration (% by weight) - QLD				
General purpose cement	7-16%	4-12%	4-10%	3-10%
Ground granulated blast furnace slag	-	2-7%	4-10%	5-14%
Fly ash	2-6%	1-5%	1-3%	-
Silica fume	-	-	-	-
Coarse aggregate	38-50%	38-50%	38-50%	38-50%
Manufactured sand	0-22%	0-23%	0-23%	0-22%
Natural sand	12-40%	10-40%	10-40%	10-40%
Admixtures	<0.15%	<0.25%	<0.25%	<0.4%
Steel Fibres	-	-	-	-
Water	6-9%	6-9%	6-9%	6-9%

Concrete Mixes (Covered by EPD - QLD)				
Low carbon concrete products for special applications	• ENVIROCRETE® 30% 20MPa • ENVIROCRETE® 30% 25MPa • ENVIROCRETE® 30% 32MPa • ENVIROCRETE® 30% 40MPa • ENVIROCRETE® 30% 50MPa	• ENVIROCRETE® 40% 20MPa • ENVIROCRETE® 40% 25MPa • ENVIROCRETE® 40% 32MPa • ENVIROCRETE® 40% 40MPa • ENVIROCRETE® 40% 50MPa	• ENVIROCRETE® PLUS 20 MPa • ENVIROCRETE® PLUS 25 MPa • ENVIROCRETE® PLUS 32 MPa • ENVIROCRETE® PLUS 40 MPa • ENVIROCRETE® PLUS 50 MPa	• ENVISIA® 20 MPa • ENVISIA® 25 MPa • ENVISIA® 32 MPa • ENVISIA® 40 MPa • ENVISIA® 50 MPa

	ENVIROCRETE®		ENVIROCRETE® PLUS	ENVISIA®
	ENVIROCRETE 30%	ENVIROCRETE 40%		
Content Declaration (% by weight) - SA				
General purpose cement	6-14%		5-10%	4-8%
Ground granulated blast furnace slag	3-8%		5-10%	6-13%
Fly ash	-		-	-
Silica fume	-		-	0-1%
Coarse aggregate	40-42%		40-42%	41-42%
Manufactured sand	9-13%		7-11%	8-11%
Natural sand	23-29%		23-29%	22-30%
Admixtures	<0.2%		<0.7%	<0.8%
Steel Fibres	-		-	-
Water	7-8%		6-9%	6-9%

Concrete Mixes (Covered by EPD - SA)				
Low carbon concrete products for special applications	• ENVIROCRETE® 30% 20MPa • ENVIROCRETE® 30% 25MPa • ENVIROCRETE® 30% 32MPa • ENVIROCRETE® 30% 40MPa • ENVIROCRETE® 30% 50MPa	• ENVIROCRETE® 40% 20MPa • ENVIROCRETE® 40% 25MPa • ENVIROCRETE® 40% 32MPa • ENVIROCRETE® 40% 40MPa • ENVIROCRETE® 40% 50MPa	• ENVIROCRETE® PLUS 20 MPa • ENVIROCRETE® PLUS 25 MPa • ENVIROCRETE® PLUS 32 MPa • ENVIROCRETE® PLUS 40 MPa • ENVIROCRETE® PLUS 50 MPa	• ENVISIA® 20 MPa • ENVISIA® 25 MPa • ENVISIA® 32 MPa • ENVISIA® 40 MPa • ENVISIA® 50 MPa • ENVISIA® 65 MPa • ENVISIA® 80 MPa

ENVIROCRETE®		ENVIROCRETE® PLUS	ENVISIA®
ENVIROCRETE 30%	ENVIROCRETE 40%		

Content Declaration (% by weight) - WA Perth Region LOW CARBON CONCRETE PRODUCTS

General purpose cement	4-15%
Ground granulated blast furnace slag	4-13%
Silica fume	0%
Coarse aggregate	38-46%
Manufactured sand	7-13%
Natural sand	0-32%
Admixtures	<0.7%
Steel Fibres	0%
Water	7-8%

Concrete Mixes (Covered by EPD - WA Perth Region)

Low carbon concrete products	• ENVIROCRETE® 20MPa • ENVIROCRETE® 25MPa • ENVIROCRETE® 32MPa • ENVIROCRETE® 40MPa • ENVIROCRETE® 50MPa • ENVIROCRETE® 65MPa	• ENVIROCRETE® PLUS 20 MPa • ENVIROCRETE® PLUS 25 MPa • ENVIROCRETE® PLUS 32 MPa • ENVIROCRETE® PLUS 40 MPa • ENVIROCRETE® PLUS 50 MPa • ENVIROCRETE® PLUS 65 MPa	• ENVISIA® 20 MPa • ENVISIA® 25 MPa • ENVISIA® 32 MPa • ENVISIA® 40 MPa • ENVISIA® 50 MPa • ENVISIA® 65 MPa
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Content Declaration (% by weight) - WA Perth Region LOW CARBON CONCRETE PRODUCTS - FOR SPECIAL APPLICATIONS

General purpose cement	1-40%
Ground granulated blast furnace slag	0-27%
Silica fume	<3%
Coarse aggregate	0-46%
Manufactured sand	4-53%
Natural sand	7-37%
Admixtures	<0.7%
Steel Fibres	0%
Water	6-35%

	ENVIROCRETE®		ENVIROCRETE® PLUS	ENVISIA®
	ENVIROCRETE 30%	ENVIROCRETE 40%		
Concrete Mixes (Covered by EPD - WA Perth Region)				
Low carbon concrete products for special applications	• ENVIROCRETE® 50 MPa GB • ENVIROCRETE® PT 50 MPa 22 MPa @4DAYS • ENVIROCRETE® 65 MPa LH • ENVIROCRETE® 65 MPa GB • ENVIROCRETE® 65 MPa MCC:460 • ENVIROCRETE® 65 MPa MCC:350 • ENVIROCRETE® 80 MPa • ENVIROCRETE® 80 MPa SWC • ENVIROCRETE® 100 MPa • ENVIROCRETE® 40 MPa 10mm TREMIE LH • ENVIROCRETE® 40 MPa 10mm TREMIE GB • ENVIROCRETE® CEMENT SLURRY @1100kg/m³ • MRWA ENVIROCRETE® 40 MPa LH MCC:400 • MRWA ENVIROCRETE® 50 MPa LH MCC:420 • ENVIROCRETE® 3% STABILISED SAND • ENVIROCRETE® 4% STABILISED SAND • ENVIROCRETE® 6% STABILISED SAND • ENVIROCRETE® 8% STABILISED SAND • ENVIROCRETE® 10% STABILISED SAND • ENVIROCRETE® 12% STABILISED SAND • ENVIROCRETE® 15% STABILISED SAND • ENVIROCRETE® 20% STABILISED SAND • ENVIROCRETE® 25% STABILISED SAND		• ENVIROCRETE® PLUS PT 40 MPa 22 MPa@3 DAYS • ENVIROCRETE® PLUS 50MPa LH 50 MPa@90 DAYS • ENVIROCRETE® PLUS HIGH SLUMP 50 MPa • ENVIROCRETE® PLUS 40 MPa DIAPHRAGM WALL • ENVIROCRETE® PLUS 40 MPa GB PTA TRACK SLAB	• ENVISIA® 80 MPa • ENVISIA® 32 MPa PTA TRACK SLAB • ENVISIA® 40 MPa INDUSTRIAL FLOOR CONCRETE • MRWA ENVISIA® SLIPFORM 32 MPa

	ENVIROCRETE®		ENVIROCRETE® PLUS	ENVISIA®
	ENVIROCRETE 30%	ENIVROCRETE 40%		
Content Declaration (% by weight) - NT				
Density	2,330-2,380 kg/m ³ (Special Applications 2,220-2,400 kg/m ³)		2,360-2,380 kg/m ³	2,330-2,380 kg/m ³
General purpose cement	8-13% (Special Applications 7-15%)		7-13%	6-11%
Ground granulated blast furnace slag	3-9% (Special Applications 3-11%)		3-9%	4-13%
Fly ash	-		-	-
Silica fume	(Special Applications 0.1%)		-	-
Coarse aggregate	40-45% (Special Applications 0-50%)		40-45%	40-45%
Manufactured sand	15-25% (Special Applications 10-30%)		15-25%	15-25%
Natural sand	10-20% (Special Applications 5-45%)		10-20%	5-20%
Admixtures	<0.2% (Special Applications <0.2%)		<0.3%	<0.7%
Steel Fibres	-		-	-
Water	7% (Special Applications 7-11%)		7%	7%

	ENVIROCRETE®		ENVIROCRETE® PLUS	ENVISIA®
	ENVIROCRETE 30%	ENVIROCRETE 40%		
Concrete Mixes (Covered by EPD -NT)				
Low carbon concrete products	• ENVIROCRETE® 20MPa • ENVIROCRETE® 25MPa • ENVIROCRETE® 32MPa • ENVIROCRETE® 40MPa • ENVIROCRETE® 50MPa		• ENVIROCRETE® PLUS 20 MPa • ENVIROCRETE® PLUS 25 MPa • ENVIROCRETE® PLUS 32 MPa • ENVIROCRETE® PLUS 40 MPa • ENVIROCRETE® PLUS 50 MPa	• ENVISIA® 20 MPa • ENVISIA® 25 MPa • ENVISIA® 32 MPa • ENVISIA® 40 MPa • ENVISIA® 50 MPa • ENVISIA® 65 MPa
Low carbon concrete products for special applications	• ENVIROCRETE® SPECIAL CLASS 15 MPa • ENVIROCRETE® BLOCKFILL 20 MPa • ENVIROCRETE® BLOCKFILL 25 MPa • ENVIROCRETE® BLOCKFILL 32 MPa • ENVIROCRETE® EASY PLACE 20 MPa • ENVIROCRETE® EASY PLACE 25 MPa • ENVIROCRETE® EASY PLACE 32 MPa • ENVIROCRETE® EASY PLACE 40 MPa • ENVIROCRETE® HIGH SLUMP 50 MPa • ENVIROCRETE® HIGH SLUMP 65 MPa • ENVIROCRETE® TREMIE 40 MPa • ENVIROCRETE® TREMIE 50 MPa • ENVIROCRETE® KERB MACHINE 320kg/m³ • ENVIROCRETE® GROUT 400kg/m³ • ENVIROCRETE® SHOTCRETE 32 MPa			

Content Declaration (% by weight) - TAS

Contact Boral Technical Services for information

Concrete Mixes (Covered by EPD -TAS)

Contact Boral Technical Services for information

¹ Green Building Council of Australia (GBCA).

² Infrastructure Sustainability Council (ISC).

³ Using the reference case from the GBCA Design and As-Built v1.3 rating tool.

⁴ Using a reference case calculated from the GBCA upfront embodied carbon emissions calculator for concrete with GP cement.

⁵ Minimum GWP reduction compared to AusLCI (v47) 0% SCM reference case for equivalent strength grade.

CONTACT BORAL'S CONCRETE TEAM 1300 267 251

The information in this product sheet and any advice given should be viewed as a guide only. Boral recommends obtaining technical advice prior to construction. To ensure the information you are using is current, Boral recommends you review the latest building information available on the Boral website.

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