Technical Specifications Guide

V.1 2026

Best Bricks& Pavers

Important Information

1. Paver Classifications :

Type A : Pavers that interlock on all four sides.

Type B : Pavers that interlock on two sides.

Type C : Pavers that do not interlock.

2. Heringbone laying bond (figure 1 and figure 2)

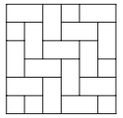

Figure 1

90˚ herringbone

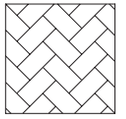

Figure 2

45˚ herringbone

3. It is the responsibility of the customer to ensure that BEST products are installed in accordance with Australian Standards. Our Paver Range installation instructions must strictly be adhered to. Our Bricks & Blocks Range must be installed according to the CMAA Concrete Masonry Handbook CM01.

4. It is generally accepted that up to 2% of a paved surface may need replacement every service year.

5. The complete BEST product range is manufactured using the finest natural raw materials available. These natural raw materials will from time to time exhibit shade variations. As a result all goods supplied should be blended by mixing from various pallets and it is the customer's responsibility to ensure adequate blending occurs. BEST will not accept liability for "patchy" areas.

6. BEST makes every effort to minimize the occurrence of efflorescence in all its goods. Nevertheless, efflorescence may from time to time occur. Efflorescence must be taken for what it is – a natural occurrence in a product made from natural raw materials. BEST will not accept any liability or claims should efflorescence appear in its goods.

7. Any product sample, product image or product display is provided to indicate only the general nature of a product. BEST provides no warranty or guarantee that the goods supplied shall correspond in colour, texture or blend with any previously supplied sample or viewed display.

8. Any plan take–off or quantity estimate that BEST provides will be undertaken on the basis that it is an estimate only. BEST shall accept no responsibility or costs which may be incurred by the customer resulting from estimate provided by BEST being inaccurate.

9. Any advice, recommendation, information, assistance, or service given by BEST in relation to goods or services supplied by BEST is given in good faith and believed to be accurate, appropriate and reliable at the time it is given, but is provided without any warranty or accuracy, appropriateness or reliability. BEST does not accept any liability or responsibility for any loss suffered as a result of the customer's reliance on such advice, recommendation, information, assistance or service.

For a full copy of our Terms & Conditions of Sale please visit our Best Bricks & Pavers website.

Traditional Pavers 40mm

Technical Specifications : Traditional Paver Range (Page 1 of 6)

Paver Type	Breaking Load (kN) AS/NZ 4456.5 : 2003	Paver Classification	Residential			Public Space			Trafficked
			Pedestrian	Light Vehicle	Commercial	Pedestrian	Light Vehicle	Commercial	
Flag 40 (220x220x40mm)	> 5	C	√			√			
Best Paver 40 (220x110x40mm)	> 5	C	√			√			
Slab 40 (300x300x40mm)	> 5	C	√			√			
			A pavement only subjected to foot traffic	A vehicle with gross weight of less than 3 ton.	A vehicle with gross weight of more than 3 ton.	A pavement only subjected to foot traffic	A vehicle with gross weight of less than 3 ton.	A vehicle with gross weight of more than 3 ton.	Vehicles per day: Minor: <400 Local: 400-1000 Collector: 1000-2000

Target Strength of 40mm Pavers : 2kN

N.B.: Performance results are typical BEST laboratory values. BEST will on request, generate specific product test results.

Traditional Pavers 50mm

Technical Specifications : Traditional Paver Range (Page 2 of 6)

Paver Type	Breaking Load (kN) AS/NZ 4456.5 : 2003	Paver Classification	Residential			Public Space			Trafficked
			Pedestrian	Light Vehicle	Commercial	Pedestrian	Light Vehicle	Commercial	
Flag 50 (220x220x50mm)	> 10	C	√	√		√	√		
Best Paver 50 (220x110x50mm)	> 5	C	√	√		√	√		
Slab 50 (300x300x50mm)	> 9	C	√	√		√	√		
Beton 50 (300x200x50mm)	> 9	C	√	√		√	√		
			A pavement only subjected to foot traffic	A vehicle with gross weight of less than 3 ton.	A vehicle with gross weight of more than 3 ton.	A pavement only subjected to foot traffic	A vehicle with gross weight of less than 3 ton.	A vehicle with gross weight of more than 3 ton.	Vehicles per day: Minor: <400 Local: 400-1000 Collector: 1000-2000

Target Strength of 50mm Pavers : 5kN

N.B.: Performance results are typical BEST laboratory values. BEST will on request, generate specific product test results.

Traditional Pavers 60mm

Technical Specifications : Traditional Paver Range (Page 3 of 6)

Paver Type	Breaking Load (kN) AS/NZ 4456.5 : 2003	Paver Classification	Residential			Public Space			Trafficked
			Pedestrian	Light Vehicle	Commercial	Pedestrian	Light Vehicle	Commercial	
Flag 60 (220x220x60mm)	> 10	C	√	√	√	√	√	√	
Best Paver 60 (220x110x60mm)	> 9	C	√	√	√	√	√	√	
Slab 60 (300x300x60mm)	> 10	C	√	√	√	√	√	√	
Best Lock 60 (190x190x60mm)	> 10	B	√	√	√	√	√	√	√[1]
Unity Paver 60 (218x109x60mm)	> 10	A	√	√	√	√	√	√	√
Esse Paver 60 (220x110x60mm)	> 7	A	√	√	√	√	√	√	√
			A pavement only subjected to foot traffic	A vehicle with gross weight of less than 3 ton.	A vehicle with gross weight of more than 3 ton.	A pavement only subjected to foot traffic	A vehicle with gross weight of less than 3 ton.	A vehicle with gross weight of more than 3 ton.	Vehicles per day: Minor: <400 Local: 400-1000 Collector: 1000-2000

Target Strength of 60mm Pavers : 5kN

[1] Suitable for use where design requirements are satisfied, with care being taken to consider traffic direction and vehicle types.

N.B.: Performance results are typical BEST laboratory values. BEST will on request, generate specific product test results.

Traditional Pavers 80mm

Technical Specifications : Traditional Paver Range (Page 4 of 6)

Paver Type	Breaking Load (kN) AS/NZ 4456.5 : 2003	Paver Classification	Residential			Public Space			Trafficked
			Pedestrian	Light Vehicle	Commercial	Pedestrian	Light Vehicle	Commercial	
Best Paver 80 (220x110x80mm)	> 15	C	√	√	√	√	√	√	√[1]
Best Lock 80 (190x190x80mm)	> 15	B	√	√	√	√	√	√	√[2]
Esse Paver 80 (220x110x80mm)	> 14	A	√	√	√	√	√	√	√
Unity Paver 80 (218x109x80mm)	> 18	A	√	√	√	√	√	√	√
			A pavement only subjected to foot traffic	A vehicle with gross weight of less than 3 ton.	A vehicle with gross weight of more than 3 ton.	A pavement only subjected to foot traffic	A vehicle with gross weight of less than 3 ton.	A vehicle with gross weight of more than 3 ton.	Vehicles per day: Minor: <400 Local: 400-1000 Collector: 1000-2000

Target Strength of 80mm Pavers : 10kN

[1] Laid in Heringbone Pattern

[2] Suitable for use where design requirements are satisfied, with care being taken to consider traffic direction and vehicle types.

N.B.: Performance results are typical BEST laboratory values. BEST will on request, generate specific product test results.

Permeable Pavers

Technical Specifications : Traditional Paver Range (Page 5 of 6)

Paver Type	Breaking Load (kN) AS/NZ 4456.5 : 2003	Paver Classification	Residential			Public Space			Trafficked
			Pedestrian	Light Vehicle	Commercial	Pedestrian	Light Vehicle	Commercial	
Unity Paver 60 (218x109x60mm)	>10	A	√	√	√	√	√	√	√
Bio Paver 60 (220x110x60mm)	> 9	C	√	√	√	√	√	√	
Bio Lock 60 (190x190x60mm)	> 10	B	√	√	√	√	√	√	
Unity Paver 80 (218x109x80mm)	> 18	A	√	√	√	√	√	√	√
Bio Paver 80 (220x110x80mm)	> 15	C	√	√	√	√	√	√	√[1]
Bio Lock 80 (190x190x80mm)	> 15	B	√	√	√	√	√	√	√[2]
			A pavement only subjected to foot traffic	A vehicle with gross weight of less than 3 ton.	A vehicle with gross weight of more than 3 ton.	A pavement only subjected to foot traffic	A vehicle with gross weight of less than 3 ton.	A vehicle with gross weight of more than 3 ton.	Vehicles per day: Minor: <400 Local: 400-1000 Collector: 1000-2000

Target Strength of Pavers : 5kN (60mm) and 10kN (80mm)

[1] Laid in Heringbone Pattern

[2] Suitable for use where design requirements are satisfied, with care being taken to consider traffic direction and vehicle types.

N.B.: Performance results are typical BEST laboratory values. BEST will on request, generate specific product test results.

Traditional & Permeable Pavers

Technical Specifications : Traditional Paver Range (Page 6 of 6)

Test Method	Protected	General Purpose	Exposure
Resistance to Salt Attack AS/NZS 4456.10B			√
	Only suitable for use in locationsprotected from external weathering	Resistant to decay in non-saline environments (e.g. normal external paving)	Resistant to decay insaline environments (e.g. pool surrounds)

	DPB0	DPB1	DPB2	DPB3	DPB4
Dimensional Deviation AS/NZS 4456.3B					√
	No Requirement	Plan: +/- 3.0 Std Deviation: 2.0 Height: +/-2.5 Std Deviation: 3.0	Plan: +/- 2.5 Std Deviation: 2.0 Height: +/-2.0 Std Deviation: 3.0	Values as agreed between supplier and purchaser	Plan: +/- 2.0 Std Deviation: 1.5 Height: +/-2.0 Std Deviation: 2.0

	Surface Finish	P0 & P1	P2	P3	P4	P5
Slip Resistance AS 4586:13	Traditional	√	√	√	√	√
	Honed	√	√	√	√	
	Weathered	√	√	√	√	√
		Internal dry areas only	Internal areas subjected to occasional water tracking	Undercover carparks Undercover concourses Dry stair treads	External walkways Wet stair treads Swimming pool surrounds	External ramps Loading docks Swimming pool ramps

N.B.: Performance results are typical BEST laboratory values. BEST will on request, generate specific product test results.

Tactile Pavers 40mm

Technical Specifications : Tactile Paver Range (Page 1 of 2)

Paver Type	Breaking Load (kN) AS/NZ 4456.5 : 2003	Paver Classification	Residential			Public Space			Trafficked
			Pedestrian	Light Vehicle	Commercial	Pedestrian	Light Vehicle	Commercial	
Tactile Cautional (300x300x40mm)	> 7	C	√			√			
Tactile Directional (300x300x40mm)	> 7	C	√			√			
			A pavement only subjected to foot traffic	A vehicle with gross weight of less than 3 ton.	A vehicle with gross weight of more than 3 ton.	A pavement only subjected to foot traffic	A vehicle with gross weight of less than 3 ton.	A vehicle with gross weight of more than 3 ton.	Vehicles per day: Minor: <400 Local: 400-1000 Collector: 1000-2000

Target Strength of 40mm Pavers : 2kN

N.B.: Performance results are typical BEST laboratory values. BEST will on request, generate specific product test results.

Tactile Pavers 40mm

Technical Specifications : Tactile Paver Range (Page 2 of 2)

Test Method	Protected	General Purpose	Exposure
Resistance to Salt Attack AS/NZS 4456.10B			√
	Only suitable for use in locationsprotected from external weathering	Resistant to decay in non-saline environments (e.g. normal external paving)	Resistant to decay insaline environments (e.g. pool surrounds)

	DPB0	DPB1	DPB2	DPB3	DPB4
Dimensional Deviation AS/NZS 4456.3B					√
	No Requirement	Plan: +/- 3.0 Std Deviation: 2.0 Height: +/-2.5 Std Deviation: 3.0	Plan: +/- 2.5 Std Deviation: 2.0 Height: +/-2.0 Std Deviation: 3.0	Values as agreed between supplier and purchaser	Plan: +/- 2.0 Std Deviation: 1.5 Height: +/-2.0 Std Deviation: 2.0

	Surface Finish	P0 & P1	P2	P3	P4	P5
Slip Resistance AS 4586:13	Cautional	√	√	√	√	√
	Directional	√	√	√	√	√
		Internal dry areas only	Internal areas subjected to occasional water tracking	Undercover carparks Undercover concourses Dry stair treads	External walkways Wet stair treads Swimming pool surrounds	External ramps Loading docks Swimming pool ramps

		White Tactile	Yellow Tactile	Slate Tactile	Terracotta Tactile
Luminance Reflectance Value (LRV) AS 1428.1 – 2021 Appendix B	Mean Dry	49.8	30.8	8.8	16.4
	Mean Wet	36.5	23.7	4.5	10.7

	Water Absorption (Test Method AS 4456.12 : 2003)	Bulk Specific Gravity (ASTM C97M-18)	Coefficient of Linear Thermal Expansion (SI- LTE-17)
Additional Testing	5.8 (% of Weight)	2196 ($kg.m^{-3}$)	8.2 X 10^{-6}

N.B.: Performance results are typical BEST laboratory values. BEST will on request, generate specific product test results.

Large Format 40mm

Technical Specifications : Large Format Paver Range (Page 1 of 4)

Paver Type	Breaking Load (kN) AS/NZ 4456.5 : 2003	Paver Classification	Residential			Public Space			Trafficked
			Pedestrian	Light Vehicle	Commercial	Pedestrian	Light Vehicle	Commercial	
300x300x40mm	> 7	C	√			√			
400x400x40mm	> 5	C	√			√			
			A pavement only subjected to foot traffic	A vehicle with gross weight of less than 3 ton.	A vehicle with gross weight of more than 3 ton.	A pavement only subjected to foot traffic	A vehicle with gross weight of less than 3 ton.	A vehicle with gross weight of more than 3 ton.	Vehicles per day: Minor: <400 Local: 400-1000 Collector: 1000-2000

Target Strength of 40mm Pavers : 2kN

N.B.: Performance results are typical BEST laboratory values. BEST will on request, generate specific product test results.

Large Format 50mm

Technical Specifications : Large Format Paver Range (Page 2 of 4)

Paver Type	Breaking Load (kN) AS/NZ 4456.5 : 2003	Paver Classification	Residential			Public Space			Trafficked
			Pedestrian	Light Vehicle	Commercial	Pedestrian	Light Vehicle	Commercial	
300x300x50mm	> 11	C	√	√		√	√		
600x300x50mm	> 7	C	√			√			
			A pavement only subjected to foot traffic	A vehicle with gross weight of less than 3 ton.	A vehicle with gross weight of more than 3 ton.	A pavement only subjected to foot traffic	A vehicle with gross weight of less than 3 ton.	A vehicle with gross weight of more than 3 ton.	Vehicles per day: Minor: <400 Local: 400-1000 Collector: 1000-2000

Target Strength of 50mm Pavers : 5kN

N.B.: Performance results are typical BEST laboratory values. BEST will on request, generate specific product test results.

Large Format 60mm

Technical Specifications : Large Format Paver Range (Page 3 of 4)

Paver Type	Breaking Load (kN) AS/NZ 4456.5 : 2003	Paver Classification	Residential			Public Space			Trafficked
			Pedestrian	Light Vehicle	Commercial	Pedestrian	Light Vehicle	Commercial	
300x100x60mm	> 5	C	√			√			
300x150x60mm	> 5	C	√			√			
300x200x60mm	> 10	C	√	√	√	√	√	√	
300x300x60mm	> 15	C	√	√	√	√	√	√	
400x200x60mm	> 7	C	√	√		√	√		
400x400x60mm	> 7	C	√	√		√	√		
600x400x60mm	> 7	C	√			√			
			A pavement only subjected to foot traffic	A vehicle with gross weight of less than 3 ton.	A vehicle with gross weight of more than 3 ton.	A pavement only subjected to foot traffic	A vehicle with gross weight of less than 3 ton.	A vehicle with gross weight of more than 3 ton.	Vehicles per day: Minor: <400 Local: 400-1000 Collector: 1000-2000

Target Strength of 60mm Pavers : 5kN

N.B.: Performance results are typical BEST laboratory values. BEST will on request, generate specific product test results.

Large Format Pavers

Technical Specifications : Large Format Paver Range (Page 4 of 4)

Test Method	Protected	General Purpose	Exposure
Resistance to Salt Attack AS/NZS 4456.10B			√
	Only suitable for use in locationsprotected from external weathering	Resistant to decay in non-saline environments (e.g. normal external paving)	Resistant to decay insaline environments (e.g. pool surrounds)

	DPB0	DPB1	DPB2	DPB3	DPB4
Dimensional Deviation AS/NZS 4456.3B					√
	No Requirement	Plan: +/- 3.0 Std Deviation: 2.0 Height: +/-2.5 Std Deviation: 3.0	Plan: +/- 2.5 Std Deviation: 2.0 Height: +/-2.0 Std Deviation: 3.0	Values as agreed between supplier and purchaser	Plan: +/- 2.0 Std Deviation: 1.5 Height: +/-2.0 Std Deviation: 2.0

	Surface Finish	P0 & P1	P2	P3	P4	P5
Slip Resistance AS 4586:13	Traditional	√	√	√	√	√
	Honed	√	√	√	√	
	Weathered	√	√	√	√	√
	Patterned (Luna, Rustic Stone, Quarry, Cobble)	√	√	√	√	√
	Black Series	√	√	√	√	√
		Internal dry areas only	Internal areas subjected to occasional water tracking	Undercover carparks Undercover concourses Dry stair treads	External walkways Wet stair treads Swimming pool surrounds	External ramps Loading docks Swimming pool ramps

N.B.: Performance results are typical BEST laboratory values. BEST will on request, generate specific product test results.

Terrazzo Pavers 40mm

Technical Specifications : Terrazzo Paver Range (Page 1 of 4)

Paver Type	Breaking Load (kN) AS/NZ 4456.5 : 2003	Paver Classification	Residential			Public Space			Trafficked
			Pedestrian	Light Vehicle	Commercial	Pedestrian	Light Vehicle	Commercial	
300x300x40mm	> 8	C	√			√			
400x400x40mm	> 5	C	√			√			
			A pavement only subjected to foot traffic	A vehicle with gross weight of less than 3 ton.	A vehicle with gross weight of more than 3 ton.	A pavement only subjected to foot traffic	A vehicle with gross weight of less than 3 ton.	A vehicle with gross weight of more than 3 ton.	Vehicles per day: Minor: <400 Local: 400-1000 Collector: 1000-2000

Target Strength of 40mm Pavers : 2kN

N.B.: Performance results are typical BEST laboratory values. BEST will on request, generate specific product test results.

Terrazzo Pavers 50mm

Technical Specifications : Terrazzo Paver Range (Page 2 of 4)

Paver Type	Breaking Load (kN) AS/NZ 4456.5 : 2003	Paver Classification	Residential			Public Space			Trafficked
			Pedestrian	Light Vehicle	Commercial	Pedestrian	Light Vehicle	Commercial	
300x300x50mm	> 11	C	√	√		√	√		
600x300x50mm	> 7	C	√			√			
			A pavement only subjected to foot traffic	A vehicle with gross weight of less than 3 ton.	A vehicle with gross weight of more than 3 ton.	A pavement only subjected to foot traffic	A vehicle with gross weight of less than 3 ton.	A vehicle with gross weight of more than 3 ton.	Vehicles per day: Minor: <400 Local: 400-1000 Collector: 1000-2000

Target Strength of 50mm Pavers : 5kN

N.B.: Performance results are typical BEST laboratory values. BEST will on request, generate specific product test results.

Terrazzo Pavers 60mm

Technical Specifications : Terrazzo Paver Range (Page 3 of 4)

Paver Type	Breaking Load (kN) AS/NZ 4456.5 : 2003	Paver Classification	Residential			Public Space			Trafficked
			Pedestrian	Light Vehicle	Commercial	Pedestrian	Light Vehicle	Commercial	
300x200x60mm	> 10	C	√	√	√	√	√	√	
300x300x60mm	> 15	C	√	√	√	√	√	√	
400x400x60mm	> 7	C	√	√		√	√		
600x400x60mm	> 7	C	√			√			
			A pavement only subjected to foot traffic	A vehicle with gross weight of less than 3 ton.	A vehicle with gross weight of more than 3 ton.	A pavement only subjected to foot traffic	A vehicle with gross weight of less than 3 ton.	A vehicle with gross weight of more than 3 ton.	Vehicles per day: Minor: <400 Local: 400-1000 Collector: 1000-2000

Target Strength of 60mm Pavers : 5kN

N.B.: Performance results are typical BEST laboratory values. BEST will on request, generate specific product test results.

Terrazzo Pavers

Technical Specifications : Terrazzo Paver Range (Page 4 of 4)

Test Method	Protected	General Purpose	Exposure
Resistance to Salt Attack AS/NZS 4456.10B			√
	Only suitable for use in locationsprotected from external weathering	Resistant to decay in non-saline environments (e.g. normal external paving)	Resistant to decay insaline environments (e.g. pool surrounds)

	DPB0	DPB1	DPB2	DPB3	DPB4
Dimensional Deviation AS/NZS 4456.3B					√
	No Requirement	Plan: +/- 3.0 Std Deviation: 2.0 Height: +/-2.5 Std Deviation: 3.0	Plan: +/- 2.5 Std Deviation: 2.0 Height: +/-2.0 Std Deviation: 3.0	Values as agreed between supplier and purchaser	Plan: +/- 2.0 Std Deviation: 1.5 Height: +/-2.0 Std Deviation: 2.0

	Surface Finish	P0 & P1	P2	P3	P4	P5
Slip Resistance AS 4586:13	Honed	√	√	√	√	
	Black Series	√	√	√	√	√
		Internal dry areas only	Internal areas subjected to occasional water tracking	Undercover carparks Undercover concourses Dry stair treads	External walkways Wet stair treads Swimming pool surrounds	External ramps Loading docks Swimming pool ramps

	Surface Finish	Test
Skid Resistance as per DPTI Test Procedure TN024 01/2016 based on 5000 wear cycles	Honed	
	Black Series	√

N.B.: Performance results are typical BEST laboratory values. BEST will on request, generate specific product test results.

Bricks & Blocks

Technical Specifications : Bricks & Block Range (Page 1 of 2)

Block Type	Unit Weight (kg)	Material Thickness	Units Per m2	Compressive Strength (MPa) AS/NZ 4456.4 : 2003	Resistance to Salt Attack Rating AS/NZ 4456.10 : 2002 Method B	Dimensional Deviation AS/NZ 4456.3: 2003 Method A
20-01 (390x190x190mm)	15.4	190mm	12.5	> 5	General Purpose	± 2mm
20-42 (390x190x190mm)	15.4	190mm	12.5	> 5	General Purpose	± 2mm
20-91 (390x190x190mm)	14.5	190mm	12.5	> 5	General Purpose	± 2mm
15-01 (390x140x190mm)	12.1	140mm	12.5	> 5	General Purpose	± 2mm
10-01 (390x90x190mm)	11.0	90mm	12.5	> 5	General Purpose	± 2mm
10-31 (390x90x190mm)	13.5	90mm	12.5	> 5	General Purpose	± 2mm
30-350 (290x290x140mm)	23.0	290mm	11.8	> 8	General Purpose	± 2mm
20-33 (190x190x190mm)	14.5	190mm	25	> 5	General Purpose	± 2mm
10-33 (190x190x90mm)	7.2	190mm	25	> 5	General Purpose	± 2mm
50-33 (190x190x40mm)	3.1	190mm	27.7	> 7	General Purpose	± 2mm

Target Strength 3MPa for solid units and 2.5MPa for hollow units. (AS/NZS 4455.1:2010)

N.B.: Performance results are typical BEST laboratory values. BEST will on request, generate specific product test results.

Bricks & Blocks

Technical Specifications : Bricks & Block Range (Page 2 of 2)

Block Type	Unit Weight (kg)	Material Thickness	Units Per m2	Compressive Strength (MPa) AS/NZ 4456.4 : 2003	Resistance to Salt Attack Rating AS/NZ 4456.10 : 2002 Method B	Dimensional Deviation AS/NZ 4456.3: 2003 Method A
Bestex (230x110x75mm)	3.5	75mm	52	> 7	N/A	± 2mm
Traditional Brick (230x110x75mm)	3.5	75mm	52	> 8	General Purpose	± 2mm

Target Strength 3MPa for solid units and 2.5MPa for hollow units. (AS/NZS 4455.1:2010)

N.B.: Performance results are typical BEST laboratory values. BEST will on request, generate specific product test results.

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