



TECHNICAL DATA – BRICK

Product: **Alpine 70**

Description: **Alpine 70** of *Export* range is a vitreous clay brick, square edge, colour coated with velour finish. It is manufactured through an extrusion process at PGH Bricks, Darra Plant for overseas market.

Typical Properties

Average Compressive Strength:		25	MPa
Characteristic Unconfined Compressive Strength (AS/NZS 4456.4)		> 10	MPa
24 Hour Cold Water Absorption (AS/NZS 4456.14)		< 10	%
Initial Rate of Absorption (AS/NZS 4456.17)	Gross	0.8 – 1.6	kg/m ² min
Estimated 15 year Coefficient of Expansion (AS/NZS 4456.11)		< 1.0	mm/m
Perforation Volume (AS/NZS 4456.7)		< 30	%
Durability Class (AS/NZS 4456.10)		Exposure	
Lime Pitting (AS/NZS 4456.13)		Nil to slight	
Effloresce (AS/NZS 4456.6)		Nil to slight	
Average Dry Mass:		2.0	kg
Working Dimensions (AS/NZS 4456.3) (DW2)	Length:	230	+/- 60mm
	Width:	70	+/- 40mm
	Height:	76	+/- 40mm
Units per Square Meter:	Traditional	50	

Light Reflectance Value (LRV): 45.9%

Light

Note: This data represents average results from commercial production lots. If specific test results are required, samples should be taken from current production lots.

Clean down with clean water as job progress. If acid is to be used, consult with the manufacturer prior to cleaning.

Due to the nature of the clay, the colour of the product may vary from batch to batch.

**AUSTRALIAN STANDARD TEST METHODS AS/NZS 4456 ARE USED AS APPLICABLE.
MORE INFORMATION CAN BE OBTAINED ON PGH BRICKS WEB SITE:**

www.pghbricks.com.au