



Australian Builders Premium Clay



Australian Builders Premium Clay has very fine particle size distribution and high plasticity and refractory characteristics

APPLICATIONS

- Australian Builders Premium Clay can be used in mortar/ render mix to obtain desired workability and finishability.
- Clay can be used as a general filler to get better particle size distribution in mixes.
- Clay can be used to increase fire resistance in the mix.

Important: Mortar/Render mix containing clay should be trialed before use.

CHEMICAL ANALYSIS OF AUSTRALIAN BUILDERS PREMIUM CLAY

The table below shows the typical chemical composition of Australian Builders premium clay.

Chemical composition (%)	
SiO ₂	55-65
Al ₂ O ₃	20-25
TiO ₂	1-2
Fe ₂ O ₃	1-2
CaO	<1
MgO	<1
K ₂ O	2-4
Na ₂ O	<1
LOI	5-10

DIRECTION TO USE

- Minimum amount of clay should be used in mortar or render to achieve desired workability and finishability.
- Required amount of clay should be identified first using a trial mix before applying in the mortar/render.
- Required amount of clay may be varied according to the characteristic of the sand used in the mix.
- Important note 1: clay cannot be used as a replacement of hydrated lime.
- Important note 2: excessive clay in mortar or render mixes will consume higher water, thereby the end- product will have lower strength development, higher shrinkage, and lower bond strength.

HANDLING AND STORAGE

Manual handling of bag products without due care and attention may result in personal injury. Unless you have been trained in manual handling methods. It is suggested that you share the load with another person.

SAFETY INFORMATION

For safety information refer to the safety data sheet (SDS) for Australian builders premium SDS is available in www.bpsaust.com

AVAILABILITY

Australian Builders Premium Clay is available in 20kg bags.

