

NEWERA CEMENT

SS EN 197-1 : 2014 CEM II



PRODUCT DESCRIPTION

NEWERA CEMENT is an eco-friendly general purpose cement suitable for a wide variety of concrete construction applications and manufactured to comply with the requirements of SS EN 197-1 : 2014 CEM II.

BASIC USE

NEWERA CEMENT can be mixed with aggregates to form a premium concrete for construction applications requiring.

- Concrete Mix
- Mortar Mix
- Stucco Mix
- Precast
- Grout

MIXING & APPLICATION

Mixing Instruction : Use the following mix proportions to make general purpose concrete mix together.

- 1 part cement (this bag contain approximate 50kg)
- 2 part concrete sand or general purpose sand
- 3 parts gravel or stone (3/4" recommended)

Add approximately 6 gallons of clean water mix until uniform, workable consistency. Concrete will remain workable for at least 1 hour.

PLACING

The concrete should be compacted and given a suitable finish. Adequate cover to the steel reinforcement is require to avoid corrosion.

CURING

Good curing will significantly improve the compressive strength of concrete compared to concrete which is not cured.

HANDLING & STORAGE

Avoid generating dust. Wash product off unprotected skin immediately with water. The use of goggles, dust masks, and rubber gloves is recommended.

Stored off the ground and stacked to allow free circulation of air. Bags are not waterproof.

PACKAGING

NEWERA CEMENT is available in 50kg multi-walled paper bag and palletised at 40 bags per pallet.

SHELF LIFE

The shelf life of **NEWERA CEMENT** is 12 months from date of manufacturer in original unopened bag.

SPECIFICATION

Appearance	Fine, Grey powder
Relative Humidity at Moist Air Room	≥ 90%
Initial Setting Time	≥ 45 minutes
Final Setting Time	165 minutes
Compressive Strength on Prism Halves at 2 days	≥ 20 MPa
at 28 days	≥ 42.5 MPa
Soundness Expansion	<0.5mm
Fineness:	350m ² /kg

ORDER INFORMATION



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