



CMI G25 Concrete Mix



DESCRIPTION:

CMI G25 Concrete Mix is ready to use, blend of proportioned aggregates, sand and Portland cement. It is particularly suited for small concrete jobs, garden edging, slabs, footings, securing gates or posts. Addition of water into the dry-mix will produce general purpose concrete with compressive strength of approximately 25 MPa.

USES:

Suitable for securing posts, small concrete jobs including small slabs, footings and general repair work.

TECHNICAL DATA:

Appearance : Grey powder

Compressive strength:

3 Days	7 Days	14 Days	28 Days
15 – 20MPa	20 – 30MPa	30 – 35MPa	35 – 40MPa

Initial set : 6 hours
Final set : 18 hours
Wet density : 1400 – 1450 kg/m³
Dry density : 1250 – 1300 kg/m³
Pot life @ 25°C : Approx. 30 minutes
Mixing ratio : Approx. 10 – 11% water on dry material

SURFACE PREPARATION:

All surfaces must be sound, clean and free from dirt, dust, grease and other contaminants which will inhibit proper bonding. Damp the substrate for dry, heated or high absorbing substrates prior to application of CMI G25 Concrete Mix.

MIXING AND APPLICATION:

- Empty the contents of the bag into a concrete mixer, wheelbarrow or onto a smooth non-porous surface.

Manufactured by:

CMI – CONSTRUCTION MATERIAL INDUSTRY SDN. BHD.

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- Add in 2.0 litres of clean water, mixing slowly and thoroughly until a workable consistency is achieved. Add additional water only if necessary to achieve a workable mix that allows the concrete to be easily placed and finished.
 - Avoid excess water, as this will make the concrete weak.
 - If you want to colour your concrete, you should add colour oxide in the prescribed manner.

Notes:

- If reinforcing the concrete mix with steel, ensure it is completely covered with concrete.
- If the concrete mix begins to harden before placing the concrete, do not add excess water as this will adversely affect the final strength of the cured concrete.
- All wet concrete is highly alkaline. Prior to using CMI G25 Concrete Mix with aluminium posts or poles, CMI recommends you confirm the suitability of use with the aluminium manufacturer and/or supplier.

COVERAGE:

A 25kg bag of CMI G25 Concrete Mix will produce approximately 0.012m³ of finished concrete. As a guide, you will need approximately 80 bags per cubic meter.

For example: A tabletop with dimension of 10ft (length)x 2ft (width)x 2in (thick) will required approximately 8 bags of CMI G25 Concrete Mix.

PACKAGING:

Available in 25 kg bag.

STORAGE & SHELF LIFE:

At least six (6) months to a year when stored in cool and dry condition in its original packing.

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