



# 36 MPa

# CONCRETE

**36 MPa. CONCRETE** is for projects where structural strength to 36 MPa is required, i.e. steps, slabs, driveways, footings, corner posts or any job specified for strength up to 36 MPa.

## PRODUCT DESCRIPTION

**STRONGCRETE 36 MPa CONCRETE** ready-to-use concrete is a carefully proportioned blend of high quality materials including rounded river run sands and aggregates, Portland cement and special concrete admixtures. After mixing with water, **STRONGCRETE 36 MPa CONCRETE** is designed to produce a concrete mix that's easy to work with and provides excellent strength. The performance and convenience of **STRONGCRETE 36 MPa CONCRETE** make it particularly suited for concrete jobs, i.e. steps, slabs, driveways, footings, corner posts or any job specified for strength up to 36 MPa. When mixed according to these instructions, **STRONGCRETE 36 MPa CONCRETE** will exceed a 28 day compressive strength of 36 MPa.

## STRENGTHS

When used with the maximum of 2.6 litres of water per bag, the following strengths can be achieved:  
1 day 10 MPa      3 days 26 MPa      28 days 36 MPa  
Variations to the above are subject to temperature. All testing is done with a slump of 120mm.

## QUANTITIES

Please refer to our website [www.strongcrete.co.nz](http://www.strongcrete.co.nz) for our concrete calculator.

The addition of 2.6 litres of water to a 30kg bag of **STRONGCRETE 36 MPa CONCRETE** will produce around 11.5 litres of concrete, enough for a rectangular slab measuring 1000 x 300 x 50mm or its equivalent.

## AVOID EXCESS WATER

Excess water reduces durability and strength.

## SAFETY

As with all cement materials, avoid eye contact, swallowing and excessive skin contact.

- Freshly mixed concrete or mortar may cause skin irritation including alkaline burning and dermatitis.
- Avoid contact with the skin by wearing suitable clothing and gloves.
- In the event of contact with skin or eyes, rinse thoroughly with water.
- If swallowed, drink 1-2 glasses of water.
- If irritation persists, seek medical attention.

## MIXING INSTRUCTIONS



### CONCRETE MIXER

1. Put most of the 2.6 litres of water per 30kg bag of **STRONGCRETE 36 MPa CONCRETE** into the mixer bowl and start mixer.
2. Gradually add the **STRONGCRETE 36 MPa CONCRETE** while the mixer is rotating.
3. Add the remaining water only if necessary.



### HAND MIXING

1. Empty the **STRONGCRETE 36 MPa CONCRETE** into a wheelbarrow, bucket or flat clean surface. Measure 2.6 litres of clean water per 30kg bag.
2. Gradually add the water in stages, mixing thoroughly with a spade or similar after each addition of water.
3. Check the consistency of the concrete. Use no more water than is necessary to allow the concrete to be easily placed and finished.

## HANDY TIPS

- Mix the concrete thoroughly to a uniform colour and consistency.
- Place the concrete carefully and compact thoroughly.
- Finish to the desired texture, taking care not to over-trowel the surface.
- Protect the concrete by keeping it continually moist for at least 7 days.

## STORAGE

Keep dry and store off the ground.



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