



# HIGH STRENGTH SUPERSET™

## FAST SETTING COMMERCIAL MORTAR



**AVAILABLE SIZES:**  
**6KG PAIL**  
**20KG PAIL**  
**25KG BAG**

YIELD	PER 6KG PAIL	PER 20KG PAIL	PER 25KG BAG
	0.003m <sup>3</sup> or 0.3m <sup>2</sup>	0.01m <sup>3</sup> or 0.9m <sup>2</sup>	0.012m <sup>3</sup> or 1.2m <sup>2</sup>

High Strength SuperSet™ is a fast setting, early strength repair mortar. It consists of a uniformly blended mixture of graded sands, Portland cement, and specialised admixtures, creating a high performing repair product that is easy to use.

**STANDARD CURED CYLINDER COMPRESSIVE STRENGTH**

- 25Mpa after 24 hrs
- 30Mpa after 7 days
- 40Mpa after 28 days

**WATER CONTENT**

- 3.6 – 4.0 litres per 25kg bag
- 2.8 – 3.2 litres per 20kg bucket
- 0.8 – 1.2 litres per 6kg bucket

**PREPARE AREA**

Remove all unsound material. Adjacent material should be free from oil, grease and debris. Dampen area with water to ensure a good bond.

**MIXING**

Small portions of High Strength SuperSet™ may be hand mixed in a mixing bucket using a spatula. For mixing volumes of more than 10kg per application, a mixing paddle attached to

a slow speed electric drill can be used. Note: High speed mixing can cause High Strength SuperSet™ to set too quickly.

**JUST ADD WATER**

If only a portion of the bag is to be used, then first measure out the water at a rate of 150mls per kg of dry material depending on desired workability and place in a mixing bucket. Now, gradually pour the High Strength SuperSet™ into the bucket and mix. Mix quickly and continuously for 2-3 minutes until a smooth consistency is achieved. Always wash the mixing tools and the mixing container between mixes.

**SETTING & CURING**

The working time for High Strength SuperSet™ is about 5-10 minutes at 21° Celsius, longer at lower temperatures, shorter at higher temperatures. It is important that the placement be organised within this time limitation.

**PROTECTION**

Following the initial set time 15-20 minutes, keep moist and protect from sun and wind for 2 hours.

**SUITABLE PROJECTS**

- Quick repair work
- Raising manhole lids in roadways
- Sealing new break- ins into manholes
- Water tank and trough repairs
- Grouting toilet pans
- Gully trap installations
- Water meter box installations
- General grouting work
- Flooring repairs
- Hinge pins
- Re- fixing pipes
- Roadway curbing repairs
- Tilt slab jointing
- Cow shed floor repairs

## IMPORTANT INFO

High Strength SuperSet™ will set and harden rapidly (15-20 minutes at 21 degrees), so it does not generally have the ability to be trowelled to a smooth finish like normal setting mortars. However, extended working time and a degree of smooth finish can be achieved by adding small amounts of additional water (NOTE: The addition of water will compromise strength).



## DANGER

- Causes skin irritation
- May cause respiratory irritation
- Causes serious eye damage
- If medical advice is needed, have product container or packaging at hand

## PREVENTION

- Only use outdoors or in a well-ventilated area
- Avoid breathing dust
- Wear protective clothing – safety goggles and a P2 dust mask must be worn
- Contaminated clothing should not be allowed out of the workplace

## RESPONSE

**IF ON SKIN:** Wash with plenty of soap and water. Take off contaminated cloth and wash before reuse. If skin irritation or rash occurs, get medical advice/attention.

**IF INHALED:** Move to fresh air and keep resting in a position comfortable for breathing.

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses if worn and easy to do. Continue to rinse.

**Immediately call the NATIONAL POISON CENTRE 0800 764 766 or doctor/physician.**

## GENERAL INFORMATION

If only part of the bag is required, mix the entire contents of the bag together first in a dry state, return the unwanted portion to the bag or alternatively a dry sealed container, then follow the instructions.

All mortars and concrete products may exhibit a temporary 'whitening', otherwise known as efflorescence which neither affects strength nor durability.



**DOWNLOAD OUR FREE APP & MAKE SURE YOU ARE USING THE RIGHT PRODUCT FOR YOUR JOB**