



HIGH STRENGTH SUPERSET™

FAST SETTING COMMERCIAL MORTAR



AVAILABLE SIZES:

6KG PAIL
20KG PAIL
25KG BAG

YIELD



PER 6KG PAIL
 0.003m³ OR 0.3m²

PER 20KG PAIL
 0.01m³ OR 1.0m²

PER 25KG BAG
 0.014m³ OR 1.4m²

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

STANDARD CURED CYLINDER COMPRESSIVE STRENGTH

16MPa 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

PAVER PREPARATION

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).

PRODUCT INFORMATION

PACKAGING	Paper bag and buckets
SIZE	6/20/25kg
SHELF LIFE	12 Months from date of production
STORAGE	Keep in dry location free of moisture
COLOUR	Grey
GRAIN SIZE	Up to 2mm
WATER DEMAND PER KG	0.15 litres
WET DENSITY	Approximately 2050kg/m ³
WORK TIME	5-10 minutes
INITIAL SET TIME	15-20 minutes
APPLICATION THICKNESS	2-20mm
APPLICATION TEMPERATURE	5 to 30°C
COMPRESSIVE STRENGTH 1 DAY	> 16MPa
COMPRESSIVE STRENGTH 7 DAY	> 30MPa
COMPRESSIVE STRENGTH 28 DAY	> 40MPa
SAFETY INFORMATION	Refer to the Safety Data Sheet on our website

**FOR MORE PRODUCT INFORMATION,
SCAN QR CODE:**

**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.