



HIGH STRENGTH RAPIDSET™

POST HOLE MIX



AVAILABLE SIZE:
20KG

YIELD 20kg bag

Most post holes will need at least two bags of High Strength RapidSet™. This table should be used as a guide only. Quantities indicated are based on a 100mm x 75mm post and a 250mm hole diameter. One 20kg High Strength RapidSet™ bag makes 0.008m³ of concrete.

Height of post above ground	Length of post below ground (hole depth)	Bags per hole
2.4	0.8	3
2.1	0.7	2.5
1.8	0.6	2.1
1.5	0.5	1.8
1.2	0.4	1.3
0.9	0.3	0.8

Dricon® High Strength RapidSet™ is a high strength fast setting concrete, user friendly and is ideal for heavy duty post applications. It consists of a uniformly blended mixture of graded sands, aggregates, EcoSure Low Carbon Cement and specialised admixtures. High Strength RapidSet™ is easy to use and enables it to be poured into a hole already filled with the required amount of water and post. No mixing is required and the initial set time is only 15 minutes.

COMPRESSIVE STRENGTH

30MPa after 28 days.

WATER CONTENT

3 litres per bag

PREPARE POST HOLE

Dig out post hole then position the post in the hole. To ensure a secure and stable 'fit' make sure the diameter of your hole is approximately three times the diameter of the post. You should have at least 1/4 of the post in the ground. Footings/foundation hole. Ensure all steel is correctly placed as per engineer's plans.

FILL BUCKET WITH WATER

Water required per 20kg bag: 3.0L Fill bucket with enough water for the number of bags required for the hole and set aside.

PRE-SOAKING

Using a hose, pre-soak the walls of the hole and the area of post that will be covered by concrete.

REMEMBER A 100MM GAP

Make a mark on the inside walls of the post hole at least 100mm from the top of the ground. Why? So when you finish off you can fill this gap up to ground level with soil, hiding the concrete.

JUST ADD WATER

Pour water into the hole (most post holes will need around 2 bags of High Strength RapidSet™ and approx 6 litres of water. (See table.) If the soil is too porous and there is water loss prior to pouring in the bag contents, either line the hole with polythene or consider using Dricon CivilSet® post hole mix. Steadily add in High Strength RapidSet™. Take your time, allow approximately 1 minute per bag. DO NOT POUR TOO FAST.

TOO DRY?

Sprinkle a small amount of additional water on top if dry powder is visible.

FINISHING

Align the post and leave High Strength RapidSet™ post hole mix to harden. The initial 15 minute set time will see the product harden yet it will still have a 'wet look' and will be spongy to the touch. This is important for long term strength integrity and is normal. Whilst High Strength RapidSet™ post hole mix will set in 15 minutes, allowing you to continue with the next post, please wait at least one hour before commencing light work on the post such as attaching rails with a nail gun. High Strength RapidSet™ post hole mix will attain 30MPa in 28 days.

SUITABLE PROJECTS

- Heavy duty fence posts
- Retaining walls
- Shade sail posts
- Decking
- Foundations and footings
- Large signs

IMPORTANT INFO

Do not mix in a wheelbarrow or concrete mixer. High Strength RapidSet™ post hole mix is not recommended for a smooth trowel finish because of its fast setting properties. As with all Dricon fast setting products, High Strength RapidSet™ post hole mix uses an advanced fast setting additive technology that makes it ideal for structural use. The additive ensures that High Strength RapidSet™ post hole mix will not undergo long term expansion, which is something that other additives can cause.

PRODUCT INFORMATION

PACKAGING	Paper bag
SIZE	20kg
SHELF LIFE	12 Months from date of production
STORAGE	Keep in dry location free of moisture
COLOUR	Grey
GRAIN SIZE	Up to 12mm
WATER DEMAND PER KG	0.15 litres
WET DENSITY	Approximately 2350 kg/m ³
WORK TIME	Not needed
INITIAL SET TIME	15 minutes
APPLICATION TEMPERATURE	5 to 30 °C
COMPRESSIVE STRENGTH 7 DAY	> 16 MPa
COMPRESSIVE STRENGTH 28 DAY	> 30 MPa
SAFETY INFORMATION	Refer to the Safety Data Sheet on our website

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.