

## EM 527 FASTSET HS Concrete

### Product description

EM 527 FASTSET HS Concrete is an easy to use fast setting concrete designed for;

### Usage

- Heavy Duty posts
- Retaining Walls
- Large Signposts
- Foundations and Footings

EM 527 FASTSET HS Concrete is not to be used as a structural concrete or for where a trowel finish is required. EM 527 FASTSET HS Concrete must be used where the above attributes are required.

### Preparation

Dig out the hole and set the post in place with temporary fixings. The diameter of the hole should be a minimum of 3 x times the width of the post in both directions and at least ¼ of the post should be in the ground.

### Water Ratio

1 x 25kg bag of EM 527 FASTSET HS Concrete will use approximately 3 liters of water. Prior to mixing measure out the required amount of water in a bucket based on how many bags are required per hole (see technical info)

It is important to presoak the hole with a hose prior to placement to stop the ground from absorbing the water. If the ground is porous or sandy the hole must be lined with plastic and presoaking is not required.

Technical Information		
Compressive Strength		≥ 17 MPa after 7 days
		≥ 30 MPa after 28 days
Length of Post Below Ground	Bags per Hole	Water per Hole
0.8m	3	8.5 – 9.5 litres
0.7m	2.5	7.0 – 8.0 litres
0.6m	2	5.5 – 6.5 litres
0.5m	1.8	5.0 – 6.0 litres
0.4m	1.5	4.0 – 5.0 litres
0.3m	1	3.0 – 3.5 litres

### Mixing

Do not mix EM 527 FASTSET HS Concrete in a wheelbarrow or concrete mixer.

Add the required amount of water per bag to the hole then evenly & slowly pour the required amount of EM 527 FASTSET HS Concrete to the hole. If the contents of the bag are poured too quickly into the hole dry patches can result in the hole, it is important to evenly distribute the contents of the bag in the hole.

Using a piece of timber or metal rod Prod the contents of the hole to help mix the water and EM 527 FASTSET HS Concrete together. If dry patches remain on the surface using a hose lightly mist water onto the concrete surface.

Check that the post is plumb before the EM 527 FASTSET HS Concrete sets.

Initial set will occur between 15-35 minutes, after 1 hour the post will be able to have palings fixed using a nail gun, avoid using a hammer and nail on the post for 3 days.

### Availability

In 25 kg bags, 40 bags per pallet.

### Storage

Shelf life is at least 12 months when stored in original, unopened bags.

### Yield

25kg bag – 0.0126m<sup>3</sup>

### Documents

Material safety datasheet

### Legal Notices

The information provided in this document is based on our technical knowledge and experience at the present time. It must be regarded as a general guideline only. Owing to the large number of potential influences, it does not relieve anyone using or processing our products from the responsibility of carrying out their own tests and experiments.

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