

Castle Readybag High Performance Post Mix is formulated to produce high early strength post hole concrete for setting all types of posts.

Applications

Castle Readybag High Performance Post Mix is a quality high early strength post hole concrete for setting all types of heavy posts including treated wood/metal posts or supports, concrete and plastic posts.

- Fast setting – sets in less than 10 minutes
- Easy to use – just add water
- Saves time – quick and convenient
- Economic – less waste than some other methods

Quality

Castle Readybag High Performance Post Mix is factory produced to ensure the highest quality concrete.

Technical data

Setting time	Approx 5–10 minutes at 20°C. Cold weather will slightly retard the set time and hot weather will slightly accelerate the set time
Composition	Cement and fine aggregates
Main cement type	Ordinary Portland Cement

Strength

Castle Readybag High Performance Post Mix will achieve a minimum compressive strength of 20N/mm² at 28 days.

Instructions for use

Dig hole to recommended specifications.

Fill to about one third to half full with water.

In sandy soils use slurry of Post Mix and water to line the sides. Place post in hole.

Pour in Post Mix at a steady rate around the post while tamping to ensure thorough mixing. Bring dry powder up to the surface of the water. Add a small amount of extra water if any dry powder remains, tamp surface to eliminate air voids.

Align post to desired position. No bracing required. Post Mix sets in approximately 5 to 10 minutes. Cold weather will slightly retard the set. Warm water may be used in cold conditions to speed up the set.

Cover top of hole with grass or earth.



Estimating table

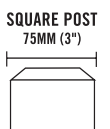
The table below gives an estimate of the number of bags of Castle Readybag High Performance Post Mix required per post hole.

Estimating quantities

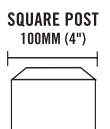
HOLE WIDTH (diameter)	HOLE DEPTH		
	300mm (12")	450mm (18")	600mm (24")
150mm (6")	1/3 bag	1/2 bag	3/4 bag
200mm (8")	2/3 bag	1 bag	1 1/3 bags



HOLE WIDTH (diameter)	HOLE DEPTH		
	450mm (18")	600mm (24")	750mm (30")
150mm (6")	1/3 bag	1/2 bag	3/4 bag
200mm (8")	3/4 bag	1 bag	1 3/4 bags
250mm (10")	1 1/2 bags	2 bags	2 1/2 bags
300mm (12")	2 1/4 bags	3 bags	3 3/4 bags



HOLE WIDTH (diameter)	HOLE DEPTH		
	450mm (18")	600mm (24")	750mm (30")
150mm (6")	1/4 bag	1/3 bag	1/2 bag
200mm (8")	2/3 bag	3/4 bag	1 bag
250mm (10")	1 1/3 bags	1 3/4 bags	2 bags
300mm (12")	2 bags	2 3/4 bags	3 1/2 bags



The recommended depth depends on the height of the post, the load it will support and the soil conditions. As a guide a 75mm (3") square post 1.5m high should be 450mm (18") in heavy soil or 600mm (24") in light soil or exposed position.

Addition of other materials

Castle Readybag High Performance Post Mix is a pre-packed post hole concrete. The addition of admixtures is not recommended and could adversely affect the performance of the finished product.

Castle Readybag High Performance Post Mix technical specification

For further information please contact:

Castle Cement Limited
Park Square 3160 Solihull Parkway
Birmingham Business Park
Birmingham B37 7YN

Technical Helpline:

tel: 0845 722 7853
(calls charged at local rate)

fax: 01780 727154

technical.help@castlecement.co.uk

Customer Services:

tel: 0845 600 1616
(calls charged at local rate)

fax: 0121 606 1436

customer.services@castlecement.co.uk

Please note: Reference to a Technical Standard number in this leaflet is deemed to include the latest published edition and/or any published amendments issued after the standard's publication, unless a date of issue is quoted in which case reference is to the provisions stated in that edition.

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