



Material Datasheet

RUGBY® POST MIX



CEMEX is a world leader in sales of packed cement and cementitious products, backed with technical expertise in their use. The Rugby® range of concretes, mortars and ancillary products provides the complete solution for most building and landscaping applications.

Rugby® Post Mix is the ideal time and effort saving solution for domestic applications such as fixing fence posts or rotary washing lines, as no mixing with water is required before placing.

Features / benefits / applications

- For fixing fence posts, gates and rotary washing lines
- 1 bag per standard 70mm x 70mm x 2400mm fence post
- No requirement for mixing – just add clean water after placing
- Fast setting

Storage Conditions and Soluble Chromium (VI)

This product must be stored in unopened bags clear of the ground in cool, dry conditions and protected from excessive draught. If stored correctly and used within NINE months of the date shown on the front of the packaging, the activity of the reducing agent* will be maintained and this product will contain, when mixed with clean water, no more than 0.0002% (2ppm) soluble Chromium (VI) of the total dry weight of the cement.

Use of this product after the end of the declared storage period may increase risk of an allergic reaction.

*Added to control the level of soluble Chromium (VI)

Health and safety

Wet Concrete: Avoid skin and eye contact. The risks of dermatitis and burns are increased if the material is allowed to continue rubbing against the skin (e.g. inside boots, in gloves or through saturated clothing). Do not kneel or sit on the wet materials without the correct personal protective clothing.

Bagged dry-mix concrete: When handling bags take care when lifting. Due regard should be paid to the risks outlined in the Manual Handling Operations Regulations 1992. Some bags may have a small amount of cement on the outer surface. Appropriate personal protective clothing should therefore be used whilst handling.

Personal Protective Equipment

Hand and Skin Protection: Protective clothing should be worn which ensures that concrete does not come into contact with the skin. Wear waterproof gloves, waterproof trousers and boots, also knee pads if kneeling down to finish a surface. Should wet concrete, mortar or screed get inside boots, gloves or other protective clothing then this protective clothing should be immediately removed and the skin thoroughly washed as well as the protective clothing/footwear.

Eye Protection: Dust-proof goggles (HSE approved standard) should be worn whenever there is a risk of cement powder or any cement/water mixture entering the eye. Suitable protection is advisable where there is a risk of material splashing.

A complete COSHH Health & Safety Datasheet for Concrete, Mortar and Screed is available to download from our website www.cemex.co.uk/health&safety



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Mixing and Usage Guide

Do not use when air temperature is below +5°C or when or when ground is frozen.

Do not mix this product with any other cement, cement admixture or similar products.

Do not move the post for at least 10 minutes until after the product has set.

For your comfort and convenience wear gloves to avoid any material contacting the skin.

1. Dig a hole of sufficient depth for the post – As a useful guide a 2.4m post should have 0.6m below and 1.8m above ground level. Avoid digging the hole in an ever widening neck. The hole should be at least a spade width on each side.
2. Place the post in the hole and fix in position with old bricks or stones. Check for alignment with a spirit level. Stake the post with supporting battens, leaving your hands free for the rest of the job. Do not fix the battens too well with nails as these are only temporary until the post is secure.
3. Empty half the contents of the bag into the hole around the base of the post. Pour clean water onto the Post Mix, preferably using a watering can fitted with a rose. The best results are obtained when the water is poured on the area directly surrounding the post. Stop pouring when the water ceases to soak away.
4. Now empty the remaining contents of the bag into the hole and again, pour clean water onto the Post Mix until the water ceases to soak away.
5. After setting (approximately 10-15 mins dependent on ambient temperature), leave the batten supports in place. Ideally allow a further hour before removing battens or attempting to fix anything to the post as any movement may weaken the concrete.

NOTE: Ensure all tools and equipment are cleaned thoroughly with water prior to the material setting.

CEMEX UK Cement Ltd cannot accept responsibility for unsatisfactory concrete where workmanship has not been carried out in accordance with good practice.

Helpful Tips

As a useful guide a 2.4m post should have 0.6m below and 1.8m above ground level.

Rather than manhandle a fence panel to measure the space out between posts, use a strip of wood cut to the same length as the panel.

No pre-mixing with water is required.

Setting is normally in 10-15 minutes but may be longer in cold weather.

Product Requirement Guide (Bags)

Post size	Hole size (width x depth)	Number of bags required
Round Post 5cm (2")	15cm (6") x 30cm (12")	1/3 bag
	15cm (6") x 45cm (18")	1/2 bag
	15cm (6") x 60cm (24")	3/4 bag
	20cm (8") x 30cm (12")	2/3 bag
	20cm (8") x 45cm (18")	1 bag
	20cm (8") x 60cm (24")	1 1/2 bags
Square Post 7.5cm (3") x 7.5cm (3")	15cm (6") x 45cm (18")	1/3 bag
	15cm (6") x 60cm (24")	1/2 bag
	15cm (6") x 75cm (30")	3/4 bag
	20cm (8") x 45cm (18")	3/4 bag
	20cm (8") x 60cm (24")	1 bag
	20cm (8") x 75cm (30")	1 1/3 bags
	25cm (10") x 45cm (18")	1 1/2 bag
	25cm (10") x 60cm (24")	2 bags
	25cm (10") x 75cm (30")	2 1/2 bags
	30cm (12") x 45cm (18")	2 1/4 bags
	30cm (12") x 60cm (24")	3 bags
	30cm (12") x 75cm (30")	3 3/4 bags
Square Post 10cm (3 3/4") x 10cm (3 3/4")	15cm (6") x 45cm (18")	1/4 bag
	15cm (6") x 60cm (24")	1/3 bag
	15cm (6") x 75cm (30")	1/2 bag
	20cm (8") x 45cm (18")	2/3 bag
	20cm (8") x 60cm (24")	3/4 bag
	20cm (8") x 75cm (30")	1 bag
	25cm (10") x 45cm (18")	1 1/2 bags
	25cm (10") x 60cm (24")	1 3/4 bags
	25cm (10") x 75cm (30")	2 bags
	30cm (12") x 45cm (18")	2 bags
	30cm (12") x 60cm (24")	2 3/4 bags
	30cm (12") x 75cm (30")	3 1/2 bags

The recommended depth depends on the height of the post, the load it will support and the soil condition. As a guide, a 3" square post 5 ft high should be placed 18" deep in heavy soil or 24" in light soil or an exposed position.

Sustainability

As one of the UK's largest suppliers of building material solutions, CEMEX UK is committed to sustainable development across the business. The principle operations of our business are raw materials extraction, processing, distribution and re-cycling of building materials. CEMEX embraces the challenges of sustainable development, in striving to be socially, economically and environmentally responsible in everything we do to safeguard the needs of future generations. From a commercial perspective, a sustainable approach will allow CEMEX to continue as a preferred supplier to the industry, to drive further efficiencies and to ensure availability of long-term resources.

To deliver this promise CEMEX track the following indicators:

1. Reducing emissions
2. Improving efficiency of production and logistics
3. Developing innovative new products and services
4. Engaging employees
5. Increasing transparent dialogue with stakeholders
6. Measuring and controlling impacts
7. Contributing to sustainable communities

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