



Material Datasheet

RUGBY POST MIX PROFESSIONAL



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 Professional is the ideal time and effort saving solution for domestic or commercial applications such as fixing posts, road signs or bollards, as no mixing with water is required before placing.

Features/benefits/applications

- For fixing posts, road signs and bollards
- Finer aggregate provides a smoother surface finish
- No requirement for mixing – just add 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 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.



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Personal Protective Equipment

For more health and safety information a Material Safety Datasheet for Concrete, Mortar and Screed is available from CEMEX.

Mixing and Usage Guide

Do not use when air temperature is below +5°C 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. Check for alignment with a spirit level. Stake the post with supporting battens, leaving your hands free for the rest of the job.
3. Empty half the contents of the bag into the hole around the base of the post. Pour 1 litre of clean water onto the Rugby® Post Mix Professional. 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 a further 1 litre clean water onto the Rugby® Post Mix Professional until the water ceases to soak away.
5. After setting (approximately 10-15 mins dependent on ambient temperature), the batten supports can be removed. Ideally, allow a further hour before 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.

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") 20cm (8") x 60cm (24")	1 bag 1 1/2 bags
Square Post 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 bags
	25cm (10") x 60cm (24")	2 bags
	25cm (10") x 75cm (30")	2 1/2 bags
	30cm (12") x 45cm (18") 30cm (12") x 60cm (24") 30cm (12") x 75cm (30")	2 1/4 bags 3 bags 3 3/4 bags
Square Post 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") 30cm (12") x 60cm (24") 30cm (12") x 75cm (30")	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 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.

FAQs

As a useful guide a 2.4m post should have 0.6m below and 1.8m above ground level. **One 20kg bag** of Rugby® Post Mix Professional will secure a standard size fence post. **No pre-mixing** with water is required. **Setting** is normally in 10-15 minutes but may be longer in cold weather.

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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