

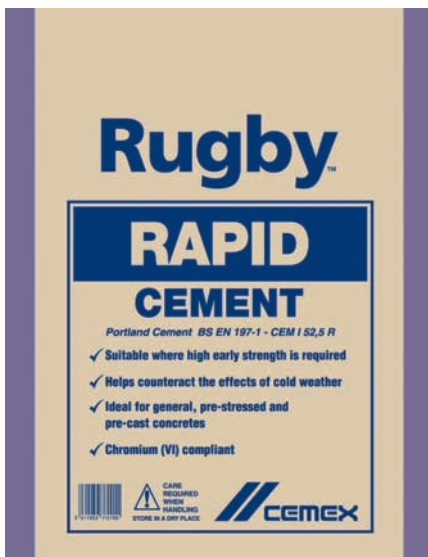
Rugby™



Material Datasheet

RAPID

Portland cement BS EN 197-1 - CEM I 52,5 R



Rugby Rapid is specially designed to give a considerably faster rate of strength increase than other Rugby packed cements making it ideal for pre-stressed concretes and the cost-effective production of pre-cast units. The product is finely ground in order to promote early age reactivity. Rugby Rapid delivers higher early strength without rapid setting or significant reduction of the workable period.

Features/benefits/applications

- Suitable for general purpose concrete, render and mortar
- Suitable for any application where high early strength is required without reduction of the workable period
- Helps counteract the effects of cold weather
- Compatible with most admixtures
- Chromium (VI) compliant

Delivery and storage

Delivered by road in a curtain-sided vehicle, the standard load size is 28- 30 tonnes. All CEMEX drivers are fully trained and experienced in the safe delivery and unloading of our vehicles, but please do all you can to ensure your site is accessible with no obstructions. Rugby Rapid is available in paper sacks delivered

as shrink-hooded, 1.4 tonne modules on non-chargeable pallets. To avoid premature deterioration of the reducing agent incorporated in the cement for control of soluble chromium (VI), storage should be in accordance with our recommendations given on bags and despatch documents.

Health and safety

Contact with wet cement, concrete or mortar may cause irritation, dermatitis or severe alkali burns. Contact between cement powder and body fluids (e.g. sweat and eye fluids) may also cause irritation, dermatitis or burns. There is serious risk of damage to the eyes. Wear suitable waterproof protective clothing, gloves and eye/face protection. In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice. After contact with skin, wash immediately with plenty of clean water. Keep out of reach of children. Contains Chromium (VI), may cause allergic reaction, the risk of which is increased if the cement is used beyond the declared storage period shown on bags and despatch documents.



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Product applications

Concrete

To produce a durable concrete, the cement content of the mix must be maintained at an acceptable level. The current version of BS 8500 should be consulted for recommendations in respect of mixes for various exposure classes and working life requirements.

Once in place, concrete requires moisture to develop its full strength and premature drying out must be avoided. In normal conditions and at temperatures in excess of 10°C, concrete should be cured under damp conditions for 1 to 3 days (cover with curing membrane, plastic sheeting or wet hessian); at temperatures below 10°C, this curing time should be doubled. Protection against freezing is required until the concrete reaches a compressive strength of 5 N/mm². If temperatures in excess of 30°C are experienced in the first 24 hrs of curing, then some reduction in 28-day strength can be expected.

Product certification

Rugby products are subject to rigorous third party certification procedures detailed in BS EN 197-2 (Cement – Part 2: Conformity evaluation), which lead to issue of EC certificates of conformity by an EU Notified Body. Products that carry EC Certification bear the CE marking to indicate conformity to all requirements of their harmonised technical specification and a presumption of conformity to the essential requirements of the Construction Products Directive.

For further information please contact
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