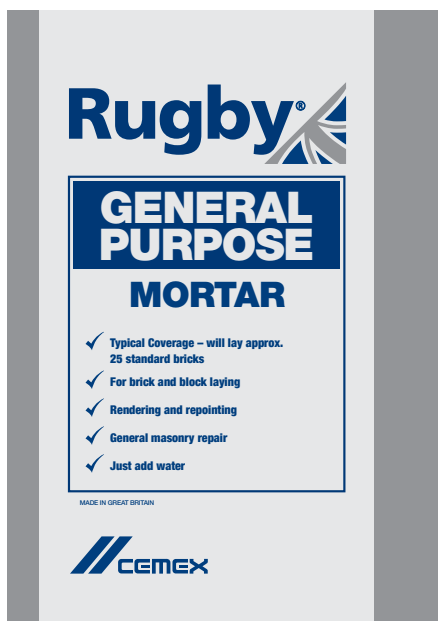




Material Datasheet

RUGBY® GENERAL PURPOSE MORTAR



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.

Whether you are building an extension, garage or barbeque, or simply repairing existing brick or block work, Rugby® General Purpose Mortar offers a time saving solution with quality, convenience and reliability.

Conforms to BS EN 998-2 Class M 2.5

Features / benefits / applications

- For brick and block laying
- For rendering and repointing
- For general masonry repair
- Just add clean water
- 1 bag will produce enough mortar to lay 25 standard house bricks

Coverage guide

Approximately 71 x 25kg bags are required to produce 1m³ of mortar.

Approximately 1 x 25kg bags will produce enough mortar to lay 25 standard house bricks.

Approximately 1.25m² at 10mm thickness when used for rendering.

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)



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Compressive Strength

Not less than 2.5 MPa when tested in accordance with BS EN 1015-11

Health and safety

Wet Mortar: 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 Mortar: 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

Respiratory Protection: Suitable respiratory protection (HSE approved standard) should be worn.

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 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

Mixing and Usage Guide

Do not use when air temperature is below +5°C

For mixing you will need a clean flat surface, a shovel and a watering can – preferably one fitted with a rose. Use only tap water, or water that is known to be clean and free from any contamination. For your comfort and convenience wear correct protective equipment to avoid any material contacting the skin:

1. Empty contents direct from the bag onto a clean flat surface and mix the dry contents thoroughly before adding water.
2. Make a volcano shaped heap with a crater at the top. Commence adding clean water, taking care not to let it run over the edges.
3. Shovel the contents into the water, mixing thoroughly. When the water disappears form a new crater and repeat.

4. As the mix starts to combine, add the water more carefully until required consistency is achieved.

5. If you are laying bricks, blocks or rendering, dampen down the surface to which the mortar is being applied. This will improve adhesion.

6. On re-pointing tasks dampen the joint to be filled beforehand.

Once in place, mortar 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, mortar 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.

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

CEMEX UK Cement Ltd cannot be held responsible for unsatisfactory mortar where workmanship has not been carried out in accordance with good practice.

Helpful Tips

Mortar hardens because cement and water react together chemically. Freshly placed mortar should be protected against strong sun or wind by covering to prevent premature drying.

Do not commence laying mortar in frosty conditions. If frost does occur while the mortar is fresh then apply protective insulation as soon as possible.

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.

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

For further information please contact
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