



Masonry Mortar

Cemfree Masonry Mortar is 100% Portland cement free, factory made mortar consisting of patented alkali-activated binder, dried sands and additives. Classified as per BS EN 998-2 as a designed mortar.

A sustainable alternative to Portland cement based masonry mortars.

Applications

- Internal walls and inner leaves of cavity walls

Mortar Strength	
Designed	M4
Compressive strength N/mm ²	4

Key benefits

- Embodied carbon savings of up to 70% versus industry leading, Portland cement based masonry mortars
- Extended open life
- Desirable aesthetics comparable to mortars made with white cement
- Excellent workability
- Masonry units can be reused as per lime mortars

Relevant standards

Cemfree Masonry Mortar conforms to BS EN 998-2

Curing methods

Normal curing methods should be used as published within industry best practice literature

Delivery & use

- Cemfree Masonry Mortar can be delivered in 25kg bags or bulk
- In hot or windy conditions measures should be taken to prevent evaporation of the water leading to loss of workability



Mixing instructions

- Per 25kg bag add 3.75-4.25 litres of clean water. Small adjustments to the amount may be made, too much water reduces strength, durability and bond
- Continuously mix for 3-5 minutes until desired consistency is achieved. Over mixing should be avoided
- All components required are within the mortar mix. DO NOT add additional materials

Storage & handling

- Cemfree Masonry Mortar should be stored in its original packaging or dry mortar silos in accordance with the MSDS
- Manual handling as per HSE guidance

Personal protective equipment

Please refer to Cemfree Masonry Mortar MSDS when handling the product



Technical data

Property tested	Average value	Test method
Compressive strength	4.8	EN 1015-11
Workable life	330 (min)	BS EN 1015-9
Bulk density of hardened mortar	1670 kg/m ³	BS EN 1015-10
Chloride content (%)	<0.01	EN 1015-17
Water vapour permeability	μ15/35	EN 1745
Water absorption	0.62	BS EN 1015-18
Reaction to fire	Euroclass A1	Declared

Technical & sales service

For further assistance, please contact the Cemfree team on 01954 780687 or email sales@cemfree.com

Legal terms & disclaimer

The information and data contained herein is believed to be accurate and reliable. Specifications and other information contained within this 'TDS' supersede all previously printed material and is subject to change without prior notice.

