



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

¹ BSI standard PD 6697-2019

PRODUCT DATA SHEET

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

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