



A dry, pre-blended mortar for the construction of masonry units

Fernhill Stone

Type N Mortar



About this product

Type N Mortar is a pre-mixed mortar conforming to the ASTM standard C270. The mortar is supplied as a dry pre-blended powder which only requires the addition of clean water to provide a designation mortar mix for use in the construction of masonry units.

Technical data

Type N Mortar complies with the ASTM standard C270 mix design. The material is blended from Cement, Lime and graded aggregates along with the introduction of additives to aid adhesion and water retention.

Water Retention	Initial flow 100-115% After suction >75%
Compressive Strength	In excess of 5.2 N/mm ²
Mortar constituents	1 volume OPC: 1 volume Lime: Aggregate - Not less than 2.25 and not more than 3 times the sum of the volumes of cement and Lime used.

Uses

- Can be applied to suitably prepared substrates including concrete blockwork, and suitably keyed reconstituted stone blocks.
- Can be used internally or externally
- Can be applied by hand or through suitable mastic gun equipment

Constraints

Do not apply to previously decorated substrates

Features and benefits

- ▲ Formulated to comply with ASTM C270 mix design
- ▲ Available in mid and dark grey colours
- ▲ Resists the penetration of external water whilst providing the construction with the ability to breathe
- ▲ Factory controlled production to give a consistently high-quality product

Preparation

All surfaces must be sound, clean, dry and free of any material which may impair adhesion.

Any scaffolding must be independently tied to allow for uninterrupted application. Any faults in the structure, particularly those that may lead to moisture penetration into the construction, must be rectified.

Poorly keyed substrates, for example smooth, high-density concrete blocks, should be prepared by suitable mechanical means.

Mixing

Type N Mortar should be mixed with clean water at a rate of approximately 4-5 litres per 25 kg bag using a suitable drill with whisk attachment or other suitable forced-action mixer. For best results use as little water as possible and mix to give a workable consistency.

Note: **Type N Mortar** may stiffen on standing. Re-mix product to regain workable consistency but do not add any more water.

Application

Avoid using below the Damp Proof Course.

Type N Mortar can be applied using traditional brick laying tools and also by hawk and trowel. When using to fill mortar joints, apply using suitable mastic gun equipment. Finish product as required.

During rapid-drying conditions, such as in hot climates, curing with a fine mist spray of clean water may be necessary. Do not use in temperatures above 35°C.

Do not apply in rain or temperatures below 5°C or if exposure to these conditions is likely during setting and curing.

Protect from unfavourable weather conditions during application and early curing.

Cleaning

All equipment must be washed with clean water immediately after use. Waste material should not be emptied into drainage systems.

Packaging

Type N Mortar is supplied in 25 kg bags.

Coverage

Type N Mortar is packaged in 25 kg bags and when mixed yields approximately 14 litres of material.

Storage and shelf life

When stored unopened in a cool, dry place at temperatures above 5°C, shelf life is 12 months from date of manufacture.

Health and safety

Contains cement (Contains chromium (VI). May produce an allergic reaction).

Harmful by inhalation. Irritating to eyes and skin. Keep out of the reach of children. In case of contact with eyes, rinse immediately with plenty of water and seek medical help. After contact with skin, wash immediately with plenty of soap and water. Wear suitable protective clothing, gloves and eye/face protection.

For further information, please request the Material Safety Data Sheet for this product.

Technical services

weber's Customer Services Department has a team of experienced advisors available to provide on-site advice both at the specification stage and during application. Detailed specifications can be provided for specific projects or more general works. Site visits and on-site demonstrations can be arranged on request.

Technical helpline

Tel: (01525) 722110
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Sales enquiries

weber building solutions' products are distributed throughout the UK through selected stockists and distributors. For UK sales enquiries and overseas projects, contact **weber's** Sales Office.

Sales

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