

Uniclass L6412	EPIC F32
CI/SfB	Yq4

March 2005

Masonry Mortars

Product Datasheet

EuroMix Dry Mortar System

1. Identification

1.1 Introduction

EuroMix Masonry Mortars are factory produced mortars consisting of dried sands, cement and other additives.

The dry mortar is transported to the building site in bulk silos. Final mixing with water to the required consistency is carried out automatically. If required, the dry material may be conveyed to the workplace by means of compressed air before mixing.

EuroMix Masonry Mortars are suitable for use in blocklaying and bricklaying and are available in any mortar class.

1.2 Authority

EuroMix Masonry Mortars comply with the requirements of BS EN 998-2: 2003 and are manufactured under a BSI/NSAI registered ISO 9001 Quality System.

Materials used comply with the following standards:

Sand	BS EN 13139: 2002
Cement	BS EN 197-1: 2000 (UK) IS EN 197-1: 2001 (Ireland)
Lime	BS EN 459-1: 2001 (UK) IS 8: 1973 (Ireland)
Admixtures	BS EN 934-2: 2001
Pigments	BS EN 12878: 1999

Admixtures do not contain calcium chlorides. Water added on site should be clean and free from impurities.

EuroMix Masonry Mortars should be used in accordance with BS 5628: Part 3: 1985.

1.3 General Advantages

EuroMix Masonry Mortars offer several advantages over alternative methods of producing mortar:

- Mortar is mixed only as it is needed.
- Constant supply of mortar on site.
- No retarders necessary.
- Consistent mix proportions.
- Better quality of mortar.

2. Description

2.1 Manufacture

EuroMix Masonry Mortars are manufactured at our plants throughout the UK & Ireland. All raw materials and end products are subject to regular quality control procedures and testing.

Dried sand and other materials are weighed and mixed under computer control with rigorous quality control procedures.

Although mortar is traditionally specified by volume, it is generally accepted that batching by weight produces mortar of greater consistency.

2.2 Mortar Strength Classes

EuroMix Masonry Mortars can be supplied in any mortar class complying with BS EN 998-2: 2003 to suit the requirements of the specifier, as set out in the table below

Class	M1	M2.5	M5	M10	M15	M20	Md
Characteristic Strength N/mm ²	1	2.5	5	10	15	20	d

(d is a compressive strength greater than 25 N/mm² declared by the manufacturer).

2.3 Colour

EuroMix Masonry Mortars are available in an extensive range of colours. Copies of our Colour Shade Guide and samples are available on request.



EuroMix

3. Performance

Mortar properties greatly influence the end product – strong, durable and watertight masonry construction.

Desireable properties of mortar while plastic include workability, water retention and consistent rate of hardening.

Hardened mortar should have adequate bond, compressive strength, durability and uniformity of appearance.

EuroMix Masonry Mortar mix designs have been formulated to give optimum compliance with these requirements. Furthermore, the EuroMix Dry Mortar System ensures that site operations result in the desired end product.

4. Sitework

EuroMix Masonry Mortars are delivered to site in a Silo complete with all necessary mixing equipment.

The EuroMix Silo should be placed on a firm, level base measuring at least 3m x 3m.

After connecting power and water supplies, the system is ready for use. Once the water flow rate is adjusted to give mortar of the required workability, it is simply a question of push-button operation to produce consistently high quality mortar whenever it is needed.

The Silo Mixing Station will discharge the mortar directly into a skip.

Alternatively, a Remote Mixing Station can be supplied. This enables dry material to be conveyed directly to where it is needed before it is mixed with water.

This equipment can be used by any site operative once they have been given basic instruction in its use by a EuroMix Service Technician.

5. Prices and Conditions of Sale

Our Sales Office will be pleased to provide quotations for specific projects. All quotations are subject to our Conditions of Sale, a copy of which is available on request.

6. Supply

EuroMix Masonry Mortars are available throughout the market area of each plant.

Silos are delivered with up to 16 tonnes of dry mortar and may be refilled by bulk tanker.

EuroMix Masonry Mortars may also be delivered in minisilos, pre-packed 25kg bags or 1 tonne sacks.

7. Health & Safety

For health and safety information – see Material Safety Datasheet.

8. Technical Services

8.1 On-site Support

Fully trained Service Technicians are available at all times to provide on-site support to users of the EuroMix Masonry Mortar System.

8.2 Mortar Testing

Where site testing of mortar is required, strict adherence to recommended testing procedures is essential. Contact CPI for further advice or assistance

8.3 Advisory Service

Our Technical Advisory Service is available to give expert advice on the specification or use of the EuroMix Masonry Mortar System.



Helpline: **0845 850 9090 (UK) 01 630 2732 (Ireland)**

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