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Roof Tile Bedding Mortar

Product Datasheet

EuroMix Dry Mortar System

1. Identification

1.1 Introduction

EuroMix Roof Tile Bedding Mortars are factory produced mortars consisting of dried sands, cement and other additives. The dry mortar is transported to the building site in 25 kg bags or bulk silos. EuroMix Roof Tile Bedding Mortars are suitable for use with clay and concrete roof tiles and are available in an extensive range of colours.

1.2 Authority

EuroMix Roof Tile Bedding Mortars comply with the requirements of BS EN 998-2: 2010 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)
Admixtures	BS EN 934-3: 2003
Pigments	BS EN 12878: 2005

Admixtures do not contain calcium chlorides. Water added on site should be clean and free from impurities. EuroMix Roof Tile Bedding Mortars should be used in accordance with BS 5534: 2003 +A1:2010.

1.3 General Advantages

EuroMix Roof Tile Bedding Mortars offer several advantages over alternative methods of producing mortar for bedding roof tiles.

- Mix specially designed for bedding roof tiles.
- Mortar is mixed only as it is needed.
- No retarders necessary.
- Consistent mix proportions and colour.

2. Description

2.1 Manufacture

EuroMix Roof Tile Bedding 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 Class

EuroMix Roof Tile Bedding Mortars are supplied in the mortar class complying with BS EN 998-2: 2010 as set in the table below:

Class	M12
Characteristic Strength N/mm ²	12

2.3 Colour

EuroMix Roof Tile Bedding Mortars are available in an extensive range of colours. Roof Tiles can be electronically matched by CPI EuroMix Colour Design Studio.

3. Performance

Mortar properties greatly influence the end product – strong, durable and watertight roof tile construction. Desirable properties of mortar while plastic include workability, water retention and consistent rate of hardening. Hardened mortar must have adequate bond, compressive strength, durability and uniformity of appearance. EuroMix Roof Tile Bedding Mortar mix designs have been formulated to give optimum compliance with these requirements and NFRC and NHBC recommendations. Furthermore, the EuroMix Dry Mortar System ensures that site operations result in the desired end product.



EuroMix

4. Sitework

EuroMix Roof Tile Bedding Mortars are delivered to site in 25 kg bags or a Silo Mixing Station complete with all necessary mixing equipment. The EuroMix Silo Mixing Station 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.

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 Roof Tile Bedding Mortars are available throughout the UK and Ireland. Silos are delivered with up to 16 tonnes of dry mortar and may be refilled by bulk tanker. EuroMix Roof Tile Bedding Mortars may also be delivered in, pre-packed 25kg bags or 1 tonne sacks.

7. Health & Safety

For health and safety information – see Material Safety Data Sheet.

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 Dry 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 Dry Mortar System.



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