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Sand & Cement Traditional Floor Screeds

Product Datasheet

EuroMix Dry Mortar System

1. Identification

1.1 Introduction

EuroMix Sand & Cement Traditional Floor Screeds are factory produced floor screeds consisting of dried sands, cement and other additives. The floor screed is transported to the building site in bulk silos or pre-packed bags.

1.2 Authority

EuroMix Floor Screeds comply with the requirements of BS EN 13813: 2002 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

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

EuroMix Sand & Cement Floor Screeds should be used in accordance with BS 8204 part 1: 2003.

1.3 General Advantages

EuroMix Floor Screeds offer several advantages over alternative methods of producing floor screeds.

- Floor screed is mixed only as it is needed.
- Constant supply of floor screed on site.
- Consistent mix proportions.
- Compact bulk storage.
- Direct discharge into a pneumatic floor screed pump.

2. Description

2.1 Manufacture

EuroMix Floor Screeds 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 floor screeds are traditionally specified by volume, it is generally accepted that batching by weight produces floor screeds of greater consistency.

2.2 Classification

EuroMix Floor Screeds can be supplied in the following classifications complying with BS EN 13813: 2002 to suit the requirements of the specifier, as set out in the tables below.

Mix Designation	1 : 3	1 : 4	1 : 5
Class	C35 – F6	C25 – F5	C16 – F3
Compressive Strength N/mm ²	35	25	16
Flexural Strength N/mm ²	6	5	3

Polymer modified and fibre reinforced screeds are available; our Technical Advisory Service is available to give expert advice on the specification or use of these products.

2.3 Colour

EuroMix Floor Screeds are supplied in natural grey.

3. Performance

Hardened screeds should have adequate compressive strength, flexural strength and durability. EuroMix floor Screeds 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.



EuroMix

4. Sitework

EuroMix Floor Screeds 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 floor screed of the required workability, it is simply a question of push-button operation to produce consistently high quality floor screed whenever it is needed. The Silo Mixing Station will discharge the floor screed directly into a skip or pneumatic floor screed pump. 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 Floor Screeds are available throughout the market area of each plant. Silos are delivered with up to 16 tonnes of dry screed and may be refilled by bulk tanker. EuroMix Floor Screeds may also be delivered pre-packed 25kg bags or 1 tonne sacks.

7. Health & Safety

For health and safety information – see 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 Dry Mortar System.

8.2 Testing

Where site testing of floor screeds 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.



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

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