

HIGH PERFORMANCE CONCRETE

PRODUCT DATASHEET

SEPTEMBER 2018 | EUROMIX DRY MORTAR SYSTEM | VERSION 1



1. Identification

1.1 Introduction

EuroMix High Performance Concrete is a factory produced 40N High Performance Concrete consisting of dried sands, cement and other additives.

1.2 Authority

EuroMix High Performance Concrete is manufactured under a registered ISO 9001 Quality System.

The individual components of this product comply with the requirements of BS EN 206.

Materials used comply with the following standards:

| | |
|------------|-------------|
| Cement | BS EN 197-1 |
| Aggregate | BS EN 12620 |
| Admixtures | BS EN 934-2 |

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

2. Description

2.1 Manufacture

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.

2.2 Compressive Strength Class

EuroMix High Performance Concrete is supplied in strength class C32/40 complying with BS EN 206.

| Characteristic Strength N/mm ² | |
|---|--------------|
| Cylinder | 32 |
| Cube | 40 |
| Strength | Class C32/40 |

3. Performance

EuroMix High Performance Concrete is specially designed to give excellent workability when wet, and to harden to a durable finish.

4. Bags

EuroMix High Performance Concrete is available in 25Kg and bulk bags.

4.1 Mixing Instructions

- EuroMix High Performance Concrete can be mixed by hand, or by traditional concrete mixer.
- Add approximately 2.5 to 3.5 litres of clean water per 25Kg. Too much water reduces strength, durability and bond and can cause cracking. Over mixing should be avoided.
- Do not add any additional materials. All components required are within the mix.
- Do not re-temper or add further water after initial set.
- Make sure the concrete is fully compacted before finishing.

5. Conditions of Use

EuroMix High Performance Concrete is fast setting with high early strength and is suitable for the following applications:

- Structural concrete
- Steps and paths
- Concrete bases, including greenhouses and sheds
- General repair or maintenance projects
- Internal or external application

EuroMix High Performance Concrete should be used within 30 minutes of adding water.

Newly finished concrete should be protected from drying out by covering with polythene sheeting or wet hessian sacking.

Recommended temperature range for use is 5°C to 30°C.

Standard site practice to the relevant British and European Standards should always apply. CPI EuroMix cannot be held responsible where workmanship has not been carried out in accordance with good practice.

6. Prices and Conditions of Sale

Our local sales representative 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.

7. Health & Safety

For health and safety information – see Material Safety Datasheet.

8. Technical Services

8.1 Concrete Testing

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



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