

Uniclass L331	EPIC C311
CI/SfB	Yq4

October 2006

# PA Grout

## Product Datasheet

## EuroMix Dry Mortar System

### 1. Identification

#### 1.1 Introduction

EuroMix PA Grout is ideal for Foundations and structural infill, designed to be used in pumps or where placement is restricted.

It is delivered in Silos or Pre-packed 25kg Bags.

#### 1.2 Authority

The individual components of this product comply with the requirements of BS/IS EN 206-1: 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: 2000 (Ireland)
Aggregate	BS EN 12620: 2002

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

#### 1.3 General Advantages

- Fine aggregate
- Consistent mix proportions
- Pump application
- Guaranteed strengths
- Minimum wastage, maximum output

#### 1.4 Products

EuroMix PA Grout is also available in the following versions for specialist applications. Non Shrink, Super Strength, Fibre Reinforced, Underwater Grout, Micro Steel Reinforced. Please contact us for any applications not listed here on this datasheet.

### 2. Description

#### 2.1 Manufacture

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 assurance procedures.

#### 2.2 Compressive strength classes

EuroMix PA Grout can be supplied in strength classes to suit the requirements of the specifier complying with BS EN 206-1 as set out in the table below:

##### Characteristic Strength N/mm<sup>2</sup>

##### Strength

Class	C24/30	C28/35	C32/40	C40/50	C50/60
Cylinder 24	28	32	40	50	
Cube	30	35	40	50	60

#### 2.3 Colours

Natural grey

### 3. Performance

CPI EuroMix PA Grout is specially designed to give excellent workability when wet, and to harden to a durable finish.

#### 3.1 Maximum Water Addition

CPI EuroMix PA Grouts in 25kg bags should be mixed with the approximate water addition rates per bag as detailed below, Water should be clean and free from impurities.

25kg Bag Addition rates:

PA 30 - 3.50 Ltrs
PA 35 - 3.75 Ltrs
PA 40 - 4.0 Ltrs
PA 50 - 5.5 Ltrs
PA 60 - 7 Ltrs

#### 3.2 Silo Water addition and Flow consistence test

Grout Flow testing equipment is available for purchase from CPI Euromix.

The following values should be used for Standard PA 30/35 & 40 Grout mixes only,

Measured Flow after 15 seconds

200mm > 240mm

For higher flows and other Mixes please contact CPI Euromix.

## 4. Sitework

The enhanced flexibility of the dry mortar system offers several options on site:

- Direct discharge into a skip or mobile pump
- Transfer of dry material to a remote mixing station

When a silo is used, it should be placed on a firm level base measuring at least 3m x 3m. It is delivered complete with all necessary mixing equipment, which can be used by any site operative once a EuroMix Service Technician has given them basic training.

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

## 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 PA Grout is 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 PA Grout may also be delivered in minisilos or pre-packed 25kg bags.

## 7. Health & Safety

For health and safety information – see Material Safety Datasheet.

## 8. Technical Services

Fully trained Service Technicians are available at all times to provide on-site support to users of the EuroMix Dry Mortar System. Our Technical Advisory Service is available to give expert advice on the specification or use of EuroMix PA Grout.

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