

Uniclass L331	EPIC C311
Cl/SfB	Yq4

# Soil Nailing Grout "SNG"

## Product Datasheet

## EuroMix Dry Mortar System

### 1. Identification

#### 1.1 Introduction

Euromix Soil Nailing Grout is a preblended material solely designed for the application of soil nailing used for ground support and anchoring purposes. "SNG" can be applied by stator/piston type pumps or can be poured directly if required. The benefits of "SNG" are - guaranteed performance and superior qualities compared with all traditional methods currently being used, the product is shrinkage controlled which gives far greater pullout values, this combined with the silo grout system gives the contractor higher performance material with labour saving 21st century equipment.

#### 1.2 Authority

The Individual components of this product comply with the requirements of BS/IS EN 206-1:2002 and also parts of BS EN 447 - 2007, the product is manufactured under a BSI/NSAI registered ISO 9001 Quality System.

All Materials used comply with the Relevant BS EN standards

Additives are free from Calcium Chlorides

Water added should be clean and free from impurities.

#### 1.3 General Advantages

- Guaranteed Performance
- Consistent mix proportions
- Pump or Hand application
- Unique Design
- Extremely High Bond to Steel
- Shrinkage controlled
- Non Segregating
- Low Permeability
- Flowable
- High protection for steel from Corrosion
- Preblended
- Only site addition is water

### 2. Description

#### 2.1 Manufacture

Raw Materials and end products are subject to strict quality control procedures and testing.

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

#### 2.2 Compressive Strength Classes

Euromix "SNG" can be supplied in strength classes to suit the requirements of the specification. The standard product values are listed below, Please contact us with detailed requirements on other variations.

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

Strength Class	Minimum Values
Cylinder	40
Cube	50

### 3. Performance

Euromix "SNG" is designed to outperform all tradition products giving total confidence. Very High early strengths are achievable.

#### 3.1 Water Additions

Euromix "SNG" is designed with a very low Water to Cement ratio but still retain high flow workability

Typical W/C

0.40 - 0.45



**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 Soil Nailing 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 Soil Nailing 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.



Helpline: **0845 850 9090 (UK)**

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