

Uniclass L5171	EPIC E271
Cl/SfB	Pr4

August 2005

One Coat Gypsum Plaster

Product Datasheet

EuroMix Dry Mortar System

1. Identification

1.1 Introduction

EuroMix One Coat Gypsum Plaster is specially designed for single coat machine application on internal walls and ceilings giving a smooth polished finish.

1.2 Authority

EuroMix One Coat Gypsum Plaster complies with the requirements of DIN 18550, mortar group P IVa and is manufactured under a ISO9001 Quality System.

Compressive strength: >2.5 N/mm²

EuroMix One Coat Gypsum Plaster is non-combustible.

1.3 Substrates

EuroMix One Coat Gypsum Plaster can be applied on blockwork and brickwork, concrete and lathing. Substrates must be dry, clean and dust free. High suction substrates must be treated with a primer. Moisture content in situ concrete substrates must be below 3%.

1.4 Application

EuroMix One Coat Gypsum Plaster should be applied in accordance with code of practice BS 5492: 1990 for internal plastering. The product is ready to use. Adjust water supply to the spray rendering machine to the desired consistency. Apply EuroMix One Coat Gypsum Plaster minimum 10mm thick, level the surface using a long, straight-edge float and smooth off with a trowel. When plaster is starting to set, scour lightly with a wet sponge float to bring up the fat and close with a trowel. Final polishing must be done at the appropriate time.

25Kg of EuroMix One Coat Gypsum Plaster will cover approximately 2.5 m².

Variable suction of the substrate may result in difficulties when painting the plaster. Applying a water based paint primer will solve this problem.

1.5 General Advantages

- Improved productivity due to single coat application.
- Formulated for optimum workability and smooth finish.

2. Description

2.1 Manufacture

Raw materials and end products are subject to regular quality control procedures and testing. Materials are weighed and mixed under computer control with rigorous quality assurance procedures.

2.2 Colours

EuroMix One Coat Gypsum Plaster is delivered in natural off white colour.

3. Performance

EuroMix One Coat Gypsum Plaster has been formulated to give optimum workability and cohesiveness when freshly mixed. When hardened this product gives excellent durability.

4. 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.

5. Supply

EuroMix One Coat Gypsum Plaster is available throughout the market area of each plant. It is delivered in pre-packed 25 kg bags.

Approximate yields are shown below.

Application Thickness (mm)	Typical Coverage (m ² /bag)
10	2.5

6. Health & Safety

6.1. Composition

Product is a mixture of the components below together with non-hazardous additives.

Calcium sulphate	CAS: 7778-18-9 EINECS: 231-900-3	> 50%
Calcium carbonate (natural)	CAS: 1317-65-3 EINECS: 215-279-6	25-50%
Calcium hydroxide	CAS: 1305-62-0 EINECS: 215-137-3	Xi; R 38-41 1-2%



EuroMix

6.2. Hazards Identification

Not applicable.

Not classified as dangerous by the *Chemicals (Hazard Information and Packaging for Supply) Regulations*.

Produces a strong alkaline solution when mixed with water.

6.3. First Aid Measures

Skin contact: Remove contaminated clothing. Wash immediately with plenty of water. The product does not normally irritate skin.

Eye contact: Irrigate eye with water or saline solution for at least 15 minutes. Seek medical advice without delay.

Ingestion: Do not induce vomiting. Wash out mouth with water and give plenty of water to drink.

Inhalation: Remove from exposure. If respiratory tract becomes inflamed, seek medical advice.

6.4. Fire Fighting Measures

Non combustible. Product will not facilitate combustion with other materials.

6.5. Accidental Release Measures

Wearing suitable personal protective equipment, use vacuum system and minimise generation of airborne dust. Prevent contamination of drains and watercourses. Refer to section 13 for further information.

6.6. Handling and Storage

Handling: Minimise dust production. Use local exhaust ventilation where possible. If local exhaust ventilation is not available, use in well ventilated area. Wear appropriate personal protective equipment. See Section 8.

Storage: Store only in original containers. Store in cool, dry conditions and protect from wind, rain and external physical damage.

6.7. Exposure Controls/Personal Protection

Exposure Controls

Minimise exposure by inhalation by providing adequate ventilation and minimising production of dust. Follow standard good practice for work with chemicals. Remove soiled, soaked clothing immediately.

Personal Protection

Respiratory Protection: Suitable respiratory protection should be worn where ventilation is inadequate, or where production of dust cannot be controlled.

Skin Protection: Wear suitable personal protective equipment to ensure that there is no skin contact with the product or a mixture of the product and water.

Eye Protection: Wear suitable eye protection.

6.8. Physical and Chemical Properties

Appearance: Off-white powder

ph: Produces a strong alkaline solution when mixed with water.

Combustibility: Not combustible

Explosive properties: Not explosive

Composition: 100.0% inorganic solids

6.9. Stability and Reactivity

Stable in normal use. No dangerous reactions known.

No dangerous decomposition products known.

6.10. Toxicological Information

- Not classified as dangerous by the *Chemicals (Hazard Information and Packaging for Supply) Regulations*.
- Product does not irritate skin and eyes, however a strong alkaline solution is produced when mixed with water, therefore skin and eyes should be protected.
- No known sensitising effects.
- No known long term effects.

6.11. Ecological Information

- Produces a cloudy alkaline solution in water.
- Do not allow to enter drains and watercourses.

6.12. Disposal Considerations

Wearing appropriate personal protective equipment, mix with water in a suitable container. The product will set as a hard material. The hardened product should be disposed of according to local regulations.

6.13. Transportation

Not classified as dangerous for transport.

6.14. Regulatory Information

Not classified as dangerous by the *Chemicals (Hazard Information and Packaging for Supply) Regulations*.

Risk Phrases

This product produces a strong alkaline solution when mixed with water.

Safety phrases

- Keep locked up and out of reach of children S1/S2
- Do not breathe dust. S22
- Do not breathe spray. S23
- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S26
- After contact with skin, wash immediately with plenty of water. S28
- In case of insufficient ventilation wear suitable respiratory equipment. S38
- Wear suitable protective clothing, gloves and eye/face protection. S36/37/39
- In case of accident or if you feel unwell seek medical advice immediately S45

Exposure Standards

Workplace Exposure Limit,

10mg/m³ total inhalable dust - 8 hour Time Weighted Average.

4mg/m³ respirable dust - 8 hour Time Weighted Average.

6.15. Other Information

For further information contact CPI Mortars Ltd.

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7. Technical Services

Our Technical Advisory Service is available to give expert advice on the specification or use of EuroMix One Coat Gypsum Plaster.



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

Visit us at: **www.euromix.com**

E-mail: **info@cpieuromix.com**



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