

OVERVIEW

Monocote is a coloured mineral plaster, which is applied in a single coat to give an attractive decorative finish. Monocote is water resistant while at the same time allowing the structure to breathe. Monocote is stable against UV light even in severe climatic conditions. Monocote can either be applied manually or by machine and is available in a range of twelve standard colours.

PROPERTIES

Monocote is formulated using a mixture of precisely graded fillers, hydraulic binders, pigments and additives. Monocote is finished by removing the top layer of material using a scratch trowel when the material has partially set. This exposes the aggregate to provide an attractive textured surface. The finished Monocote plaster has the following characteristics:

- Long life
- Good UV stability
- Water resistant
- Plastering / finishing in one operation
- Good mechanical strength

AREAS OF USE

Monocote is primarily designed for exterior facades for direct application on clay brick, concrete block, AAC block, precast/in-situ concrete and stone. Monocote can also be used on interior facades.

PREPARATION OF SURFACE

Ensure all dust, dirt and foreign matter are brushed and scraped away. Also ensure surface is solid, free from salts, oil, grease and ridges. Protect all adjacent surfaces not to be coated. Apply a coat of penetrating primer to absorbent surfaces such as AAC blocks.

A key coat is required on very smooth surfaces such as precast or in-situ concrete (1pt Monocote, 0.24 pts. water, 0.08 pts. Terrabond A).

MIXING

Using a high speed mixer, mix 25kg of Monocote with 4.5 ltr of water. Mix for 3 minutes. Ensure that mixing time and ratio of powder/water are constant to ensure colour consistency. Allow material to stand for 5 minutes, remix and use. Mixed material should be used within 1 hour.

APPLICATION & CLEANING OF TOOLS

To reduce suction of water from the product, saturate the substrate with water 1 day before application and again 1 hour before application. Apply by spray or manually and level the surface using standard plastering techniques. Allow the material to "set-up" and finish the surface with a scratch trowel to remove the top layer of material. After 24-48 hours of application, mist-cure the plaster 3 times a day with water for 3 consecutive days.

Clean tools and equipment with water after use.

PRECAUTIONS

Do not apply below 8°C as there is risk of efflorescence.

Do not apply on horizontal or sloping surfaces.

Do not apply on gypsum based surfaces.

Do not use at ground level to avoid staining.

HEALTH & SAFETY

Avoid prolonged contact with eyes and skin. For detailed information refer to relevant material safety data sheet.

PACKAGING & STORAGE

Monocote is supplied in 25kg bags.

Store containers in a clean dry area protected from high humidity, moisture, direct sunlight and extreme heat and cold. Unopened packs can be stored for 12 months. Use oldest material first.

TERRACO offers a comprehensive range of products and services for most concrete and finishing needs. Please contact the TERRACO Technical Service Department or your local TERRACO agent for further information, samples, demonstrations and instructor services. The information given in this leaflet is based upon laboratory research, as well as extensive field work and application. All products are sold subject to standard conditions of sale which are available on request. This information is based on TERRACO's present state of knowledge and is intended to provide general information on TERRACO's products and their methods of use. The prospective user is recommended to determine the suitability of TERRACO's suggestions and products before adopting them on a commercial scale.

TECHNICAL DATA

Product	Decorative single coat mineral plaster.		
Filler Material	Crushed, precisely graded extenders.		
Binder	Hydraulic.		
Pigments	Characterised as fast to light, lime, salt and cement.		
Consumption Rate	1.55KG/ m ² /mm thickness.		
Typical Rates		Thickness	Consumption (kg/m ²)
	Clay brick	15-20mm	23-31
	Concrete/concrete blocks	12-15mm	18-23
	AAC blocks	8-12mm	12-18
Adhesion to Concrete Block	>0.3MPa.		
Adhesion to Clay Block	>0.3MPa.		
Colours	12 standard colours.		
Packaging	25kg bags.		
Storage	12 months in original unopened containers		

For technical enquiries please contact your nearest Terraco representative:

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