

## OVERVIEW

RenderLite is a coloured mineral plaster, which is applied as a base coat for pebble-dash rendering. RenderLite is water repellent while at the same time allowing the structure to breathe. RenderLite has excellent dirt pick-up resistance and is extremely stable against UV light even in severe climatic conditions. RenderLite can either be applied manually or by machine and is available in a range of sixteen standard colours.

## PROPERTIES

RenderLite is formulated using a mixture of precisely graded fillers, hydraulic binders, pigments and additives. RenderLite is finished by spraying a layer of marble chips over the surface and working them into the surface with a steel trowel. The finished RenderLite plaster has the following characteristics.

- Long life
- Dirt pick-up resistance
- Excellent UV stability
- Water repellent
- Plastering/finishing in one operation
- Good mechanical strength

## AREAS OF USE

RenderLite is primarily designed for exterior facades for direct application on clay brick, concrete block, AAC block, precast/in-situ concrete and stone.

## 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 RenderLite, 0.4 pts. water, 0.08 pts. Terrabond A).

## MIXING

Using a high-speed mixer, mix 25kg of RenderLite with 8.0-8.5ltr 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. Prepared material should be used within 4 hours.

## APPLICATION & CLEANING OF TOOLS

Saturate the substrate with water to reduce suction of water from the product the day before application and again 1 hour before application. Spread the RenderLite mortar over the substrate in a 6-8mm layer. Trowel to a smooth level surface. After a period of approximately 10 minutes spray the marble chips over the mortar.

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 substrates.

Do not use at ground level to avoid staining.

When applying at high temperatures, ensure that surface is cured for at least 72 hours after application.

## HEALTH & SAFETY

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

## PACKAGING & STORAGE

Product is supplied in 25kg net weight on disposable pallets.

Store containers in a clean dry area protected from direct sunlight and extreme heat and cold. Unopened containers can be stored for 6 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

<b>Product</b>	Decorative single coat plaster for pebble-dash finish.		
<b>Filler Material</b>	Crushed, precisely graded extenders.		
<b>Binder</b>	Hydraulic.		
<b>Pigments</b>	Characterised as fast to light, lime, salt and cement.		
<b>Consumption Rate</b>	1.55KG/m <sup>2</sup> /mm thickness.		
<b>Typical Rates</b>		Thickness	Consumption (kg/m <sup>2</sup> )
	Clay brick	10mm	15-16
	Concrete blocks	8mm	12-13
	AAC blocks	6mm	9-10
<b>Adhesion to Concrete Block</b>	>0.4MPa.		
<b>Adhesion to Clay Block</b>	>0.4MPa.		
<b>Colours</b>	16 standard colours.		
<b>Packaging</b>	25kg 3 ply laminated paper sacks.		
<b>Storage</b>	6 months in original unopened containers.		

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