

GEOMIX[®] PLASTER



巧掺环保抹壁砂浆

Eco-friendly Cement-based plastering system

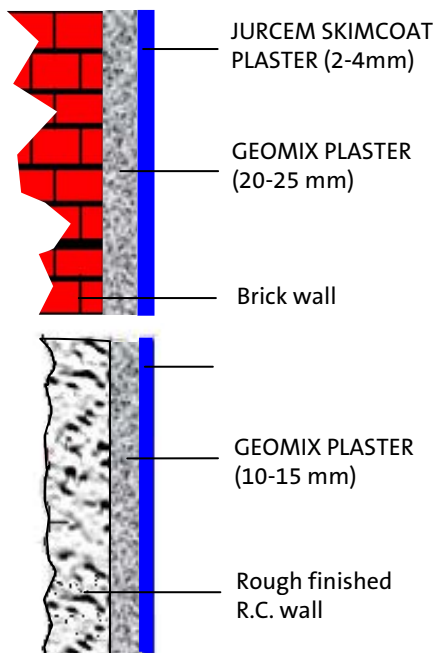
GEOMIX PLASTER is a Green Label product that is recognised by SGLS (Singapore Green Labelling Scheme) and international Global Eco-labelling network.

GEOMIX PLASTER is an excellent plastering system that contains basic ingredients of cement and recycled material approved by National Environment Agency of Singapore, NEA. It has superb water-retention, adhesion and workability properties.

It is especially intended for medium to thin plastering or for improving the surfaces of concrete and block-wall surfaces. It can also be used as a final coat on cement base render, or for general filling, levelling and patching jobs for tiling, brick laying and etc.

For final coat over GEOMIX PLASTER, JURCEM SKIMCOAT PLASTER is highly recommended. It can be painted over or wallpapered, but should not be applied on painted substrates.

GEOMIX PLASTER and JURCEM SKIMCOAT PLASTER application on different surfaces



TYPICAL PROPERTIES

Colour	Grey
Binder Phase	Portland Cement & recycled material approved by NEA
Filler Materials	Graded Silica Sand
Density (wet)	Approx. 2,000 kg/m ³
Tensile Adhesion Strength, BS EN 1015-12:2000	≥ 0.75 N/mm ² @14 days

Compressive Strength, BS EN 1015-11:1999	≥ 12 N/mm ² @28 days
Water Retentivity, BS 4551: Part1:1998	≥ 95%
Stiffening Time, BS EN 1015-9:1999 (Method A)	1 N/mm ² : ≥ 240 mins 2 N/mm ² : ≤ 500 mins
Pot Life	Approx. 3 hours
Quantity of water	5.5 to 6.5 litres of water per 40 kg bag
Coverage	Approx. 2.6 m ² / 40 kg bag / 10 mm thickness
Coat thickness	5 to 10 mm per coat

AREAS OF APPLICATION

1. Interior and exterior walls
2. Ceilings
3. Brick laying
4. Recess in walls and ceiling
5. Backing screed to wall tiles

APPLICATION METHOD

Surface Preparation

The substrate must be clean and free from grease and loose particles. Porous and absorbent substrates must be pre-wetted prior to application of GEOMIX PLASTER to prevent premature loss of water from the plaster. This will ensure that thin layers can be applied without cracking problems and proper cement hydration and adherence of the mortar to the substrate is attained.

Mixing

Use about 5.5 to 6.5 litres of water per 40 kg bag of GEOMIX PLASTER. Pour the powder while mixing for at least 3 minutes with a mechanical mixer to achieve a good trowellable consistency. Do not overmix.

Placing

Apply plaster to the substrate, using some pressure while finishing with a steel trowel or wooden float to ensure optimum bonding of the plaster to the substrate surface. JURCEM BONDING AGENT is recommended to be added to further enhance the wear resistance and adhesion of GEOMIX PLASTER. Please refer to individual Product Data Sheet for more details.

Cleaning

Clean tools with water immediately after use. Cured materials can only be removed mechanically.

PACKAGING

40 kg bags

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SHELF LIFE

12 months if stored in original sealed packaging under dry and cool condition.

SAFETY PRECAUTIONS

GEOMIX PLASTER is a non-hazardous, but due to the cementitious nature, it is advisable to wear a filter mask and protective clothing. In case of eye contact, wash copiously with water and if irritation persists, seek medical treatment.

For more detailed information, please refer to Material Safety Data Sheet.

JCL Building Materials Pte Ltd (JCL) warrants that the product conforms to its chemical and physical description and is within bounds fit for use as stated on its product data sheet when used in compliance with written instructions. JCL makes no other warranty either expressed or implied. The purchaser assumes all risks in handling.

All information contained in this product data sheet is only to be used as a guide and subject to change without notice. This product data sheet supercedes all previous data sheets of this product. For additional information or concerns about unique applications or specific projects, please contact JCL.



Identification Number: 022 006
Eco Friendly Building Material
Recycled Content: 20%