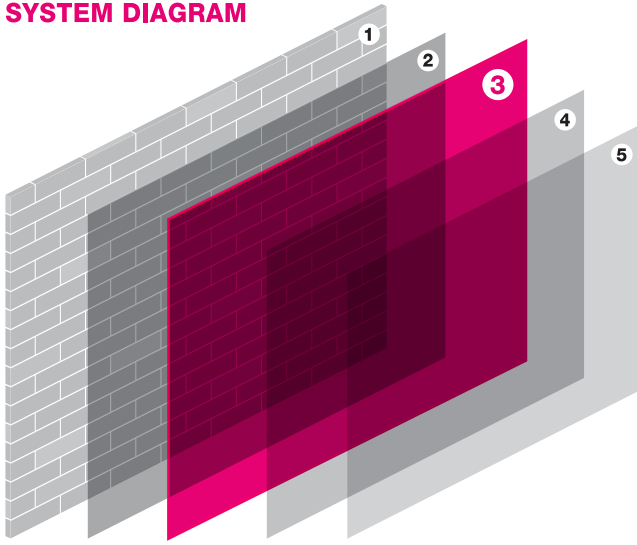




BASE GREY 820 Polymer Modified Base Coat

SYSTEM DIAGRAM



- 1. Substrate
- 2. Render
- 3. **Base Grey 820**
- 4. Finish
- 5. Paint

DESCRIPTION

Polymer modified cementitious skim coat. Can be used as a base coat to receive fine finishing for wall and ceiling.

USES

- Exterior and interior wall/ceiling base coat
- Ideal for general filling and patch up
- Applicable on concrete, plaster and render surface

BENEFITS

- Water resistant
- Thickness up to 6 mm by several coats
- Polymer modified and shrinkage compensated to prevent hair line cracks

COMPLIED STANDARD

- EN 998, EN 1015
- BS 4551

TECHNICAL PROPERTIES

Technical Properties	Value
Adhesive Strength	> 0.5 N/mm ²
Compressive Strength	> 5 N/mm ²
Water Retentivity	> 99%
Alkaline Resistance	Good

RECOMMENDATION

- Complete with **Finish Grey 830** for ultra-smooth finishing
- Mix with **Mortar Buddy 152** for application on painted surface
- **Moisture Sealer 186** is recommended for application on gypsum board surface, prior to skim coating works.

STORAGE

Shelf life is 6 months if stored in dry and cool place

PACKAGE

Approx. 40kg



BASE GREY 820 Polymer Modified Base Coat

PHYSICAL FEATURES

Physical Properties	Feature
Water Demand	11.2 – 12.8 L (28 – 32%)
Consumption	1.3 kg/m ² /mm
Binder	Cement, Green Binders
Filler Size	< 0.6 mm
Application Thickness	2 - 4 mm per coat
Pot Life	2 hours

APPLICATION

SUBSTRATE PREPARATION

- Substrate should be free from mould oil, grease, loose particles and contamination of foreign materials
- Dampening of concrete or plastered substrate is recommended prior to the application of **Base Grey 820**

MATERIAL PREPARATION

- Mix 1 bag of 40kg **Base Grey 820** with 11.2 – 12.8 L water for at least 3 minutes by electrical mixer for homogeneous mixture
- 2 – 4 mm thickness can be achieved in single coat. For thicker layer requirements, several coats can be applied (after the underneath coat is hardened) for thickness up to 6 mm
- **Finish Grey 830** can be applied on wet/hardened **Base Grey 820**

CURING

- Natural air curing is sufficient
- Recommended to apply water mist curing in first 2 days during hot climate

SAFETY

Wear NIOSH approved facemask during mixing as to avoid inhaling of dust.

May cause irritation to eyes and skin:

1. In case of contact with eyes, rinse immediately with water and seek for medical advice if needed.
2. In case of contact with skin, rinse immediately with soap and water. To seek medical advice if needed.

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