

# Baumit Decorative Roughcast Finish SEP (01, 02, 03, 04)

## Product Datasheet

### 1. Product

Factory prepared dry, pre-mix render finish for manual and machine application. Mineral render finishing coat in fine, medium and coarse texture.

### 2. Suitable Uses

Baumit Decorative Roughcast Finish SEP can be used as a traditional roughcast finish onto mineral basecoats or render carriers such as Limetec Universal render K 39, resin based renders such as Baumit Bonding Adhesive MC 55, insulation renders such as Baumit Insulation Bonding Adhesive DC 56 and Baumit Salt Retention Render SP 64G and fillers. For producing a range of white or coloured roughcast or smoother textured finishes in external and internal areas.

### 3. Composition

Sand, hydrated lime, white cement, marble aggregate and hydraulic additives to improve workability and adhesion.

### 4. Performance

Easy to apply, good workability, mineral, Baumit Decorative Roughcast Finish SEP is a textured finish for machine or hand application. Varying grain sizes allow flexibility in the choice of finished texture.

Baumit Decorative Roughcast Finish SEP is water-vapour and CO<sub>2</sub> permeable, frost and weather resistant and has a much lower susceptibility to staining than conventional finishes, due to the effectively increased surface area.

### 5. Technical Data

Render group:	CS II according to EN 998-1			
Compression strength:	1.5 – 5.0 N/mm <sup>2</sup>			
Water absorption rate:	W 2 (EN 998-1)			
Colours:	white and coloured			

Product reference:	SEP 01	SEP 02	SEP 03	SEP 04
Min. layer thickness:	2 mm	2 mm	3 mm	4 mm
Grain size [mm]:	0-1	0-2	0-3	0-4
Water req. l/Bag:	6.5-7.5	6.0-7.0	6.0-7.0	5.5-6.5
Coverage: [kg/m <sup>2</sup> ]:	2.2kg	3.3kg	4.0kg	5.5kg
Coverage per sack	11.4 m <sup>2</sup>	7.6 m <sup>2</sup>	6.3 m <sup>2</sup>	4.5 m <sup>2</sup>

### 6. Packaging

25kg paper bag (42 bags per pallet = 1,050 kg)

### 7. Storage

Dry and protected, do not store for longer than 6 months.

### 8. Quality Assurance

This product undergoes third party and in-house monitoring, using a quality management system which conforms to the current international standard EN ISO 9001 and the environment standard ISO 14001 and is certified.

## 9. Health & Safety

See separate Health & Safety sheet

## 10. Background

The background should be dry, stable, dirt, dust and frost free, and able to receive a coating. Render or plaster backgrounds should be fully cured. The surface should be free from laitance and if necessary roughened. Smooth concrete surfaces should receive a suitable bonding coat (for example Baunit Bonding Adhesive MC 55. Highly absorbent render and plaster backgrounds and especially gypsum backgrounds should receive a suitable primer (contact Lime Technology for advice). Allow any primers used to dry for at least 24 hours. Friable basecoats should be strengthened with Baunit Stabiliser FP (contact Lime Technology for advice).

## 11. Application

### 11.1 Mixing

Baunit Decorative Roughcast Finish SEP must be mixed with clean water. Do not mix with other materials or use any admixtures.

SEP can be manually mixed in a bucket or tub, using an electric hand mixer on a slow speed setting. Fill a bucket to a third full with water. Gradually add the SEP to the water while continually mixing. Add more water or material as required and mix thoroughly to a workable consistency, free of lumps.

Continuous or gravity fed mixers are also suitable for mixing. Do not use drum mixers.

### 11.2 Application

For larger areas, standard mortar mixing pumps (semi and full performance rotor and stators) provide a more effective mixing and application technique. Keep all tools, tubs and machines clean.

Apply Baunit Decorative Roughcast Finish SEP with a stainless steel trowel or spray it on with a mixing pump. Spread the SEP with the trowel to the grain thickness. Shortly after application, texture the surface as desired with a coarse or fine rubber sponge float (roughcast effect).

Plan and carry out the application systematically, maintaining a wet edge. Finish complete sections in one application.

### 11.3 Note

Do not apply in direct sunlight, rain or wind and protect the finished work until fully cured. (Scaffold nets). Rapid drying can be slowed down by dampening the finished work with a fine water mist applied at regular intervals. High humidity and low temperatures can delay drying times considerably. Changing backgrounds and surface structure, absorbency and weather conditions can cause variations in colour. Consider the light fastness requirements for EWIS, (not under 20-30 for mineral renders). Do not apply Baunit Decorative Roughcast Render SEP in plinth areas, use Baunit Plinth Render SL 62. Protect other materials such as glass, ceramics or metal etc from contamination with appropriate coverings. Order the total requirement of Decorative Roughcast Finish SEP to ensure uniformity of colour is maintained in production. Decorative Roughcast Finish SEP may be painted with Baunit Equalising Paint.

**Do not apply or allow to dry under an air or wall temperature of +5°C and falling or more than + 30 °C.**