Baumit SEP Decorative Textured Topcoat
Product Datasheet

1. Product

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

2. Suitable Uses

Baumit SEP Decorative Textured Topcoat can be used as a traditional textured finish onto mineral basecoats such as Baumit K 39 Universal Render Basecoat, resin based thin coat basecoats such as Baumit MC 55W Bonding Adhesive, provided it is painted and Baumit SP 64G Salt Retention Render. For producing a range of white or coloured medium 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 SEP Decorative Textured Topcoat is a textured finish for machine or hand application. Varying grain sizes allow flexibility in the choice of finished texture.

Baumit SEP Decorative Textured Topcoat is water-vapour and CO_2 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/mm²
µ	10 -15
Water absorption rate:	W 2 (EN 998-1)
Conductivity value $_{10,dry}$	0.93 W/(mK) (P = 90 %)
(Tabled values acc. EN 1745)	0.83 W/(mK) (P = 50 %)
Conductivity value $_R$	1.0 W/(mK)
Minimum thickness:	to grain size
Colours:	white and coloured

Product reference:	SEP 01	SEP 02	SEP 03
Min. layer thickness:	2 mm	3 mm	4 mm
Grain size [mm]:	0-1	0-2	0–3
Water req. l/Bag:	6.5-7.5	6.0–7.0	6.0–7.0
Coverage: [kg/m²]:	2.0kg	3.0kg	4.0kg
Coverage per sack	12.5 m²	8.3 m²	6.3 m²

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.

american**lime**technology

3516 N. Kostner Ave.
Chicago, IL 60641

sales@americanlimetechnology.com

office 773-286-0566
fax 773-286-1852

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 EN 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 Baumit MC 55W Bonding Adhesive. 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 Baumit PF Stabiliser (contact Lime Technology for advice).

11. Application

11.1 Mixing

Baumit SEP Decorative Textured Topcoat 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.

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.

11.2 Application

Apply Baumit SEP Decorative Textured Topcoat 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 medium or fine rubber sponge float (textured 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 Baumit SEP Decorative Textured Topcoat in plinth areas, use Baumit SL 62 Plinth Render.
Protect other materials such as glass, ceramics or metal etc from contamination with appropriate coverings.
Order the total requirement of SEP to ensure uniformity of colour is maintained in production.
SEP may be painted with Baumit Equalising Paint or Baumit Silicon Paint.

Do not apply or allow to dry under an air or wall temperature of +5⁰C and falling or more than + 30 °C.