Skim Coat

Betonit Skim Coat is a smooth spreading polymer modified blended cement for thin plastering. It is specially designed to level irregularities of interior and exterior surfaces to produce a pleasing flat smooth finish in preparation for painting.

FEATURES

- Easy to use, just add water
- Good surface preparation & primer for paint
- Excellent adhesion to porous substrate
- Sands easily to a smooth finish
- Good workability
- Does not shrink, crack or sag
- Ready for painting after 24 hours

USES

- For interior and exterior
- Ideal for masonry walls and ceilings
- For thin plastering, zero to 2mm thick
- Level defects in concrete walls and ceilings
- Patching fine surface imperfections such as pinholes and hairline cracks
- Repairing damage in concrete

PRODUCT DATA

Product info

Color	White
Package Size	20kg-bag
Mix Ratio	0.34 Li/kg (by weight) 2 water: 1 powder (by vol)
Coverage	20 sqm*
Shelf Life	12 months in cool dry place

***** Coverage may vary depending on actual use and site conditions

Performance Properties

Technical Data	**Spec.**	**Result**
Scrub Test, 1d SC (cycles)	>5000	>5000
Setting Time Initial (min) Final (min)	 ≥240 & ≤360 ≤500	 360 490
Compressive Strength, 28d (N/mm^2)	7-12	10.56
Water Penetration Value,24 hrs ($kg/m^2h^{1/2}$)	≤0.5	0.16
Tensile Strength (N/mm^2) 14d SC 28d SC 7d SC + 7d Water Immersion	 ≥0.50 ≥0.50 ≥0.50	 0.59 0.65 0.53

Working Properties

Type of Finish	Smooth, Ultra Fine
Thickness	0-2mm
Open Time	20 minutes
Pot Life	2 hrs

SURFACE PREPARATION

- Substrate should be structurally sound, solid, free of movement and well-bonded.
- It should be free of excess moisture and clean and free from dirt, oils or waxy films, loose materials, concrete sealers, curing compounds and other contaminants which may interfere with proper bonding.
- In cementitious surfaces, concrete or plaster must be free of efflorescence & excess moisture.
- Quick test for surface contaminants: simply sprinkle water on the substrate. If water beading occurs, it may be treated and affect adhesion.

MIXING

1. Mix in any non-absorbent mixing container such as plastic, steel or iron sheet.
2. Mix with enough water to the desired paste (approximately 7 liters of water per 20 Kg-bag). Mix by hand or with a slow speed mixer to a smooth, trowelable consistency.
3. Let the mortar stand for 5 minutes then mix again so that the chemicals will react completely with the cement and water.

APPLICATION

1. Under conditions of high temperature, dampen substrate prior to applying.
2. Apply with traditional flat trowel or putty knife to achieve a smooth finish with thickness of zero to 2mm. Use sufficient material and pressure to force into joints, cracks, and holes. Level and smooth.
3. If there is a need to recoat, apply the second coat before the 1st coat is about to set.
4. When dry, sand or scrape smooth.
5. Protect from heat and direct sun for 2-4 hours after apply. Do not wet until material has set. Fully cured after seven (7) days.

SAFETY DATA

- Avoid inhalation of the powder or prolonged skin contact
- Avoid eye contact, wear eye goggles if possible
- MSDS available upon request

LIMITATIONS:

- Do not use where excessive hydrostatic pressure or extreme moisture conditions exist unless sealed.
- Not suitable for applications where extreme movement occurs.

Skim Coat *Fine*

PRODUCT INFORMATION SHEET

20130209

Betonit Skim Coat Fine is a smooth spreading polymer modified blended cement for thin plastering. It is specially designed to level irregularities of interior and exterior surfaces to produce a pleasing flat smooth finish in preparation for painting.

FEATURES

- Easy to use, just add water
- Good surface preparation & primer for paint
- Excellent adhesion to porous substrate
- Sands easily to a smooth finish
- Good workability
- Does not shrink, crack or sag
- Ready for painting after 24 hours

USES

- For interior and exterior
- Ideal for masonry walls and ceilings
- For thin plastering, zero to 2mm thick
- Level defects in concrete walls and ceilings
- Patching fine surface imperfections such as pinholes and hairline cracks
- Repairing damage in concrete

PRODUCT DATA

Product info

Color	White or Gray
Package Size	20kg-bag
Mix Ratio	0.34 Li/kg (by weight) 2 water: 1 powder (by vol)
Coverage	20 sqm*
Shelf Life	12 months in cool dry place

***** Coverage may vary depending on actual use and site conditions

Performance Properties

	Spec.	Result
Scrub Test, 1d SC	>5000 cycles	>5000 cycles
Setting Time Initial Final	 ≥240≤360 min ≤500 min	 360 min 490 min
28d Compressive Strength	7-12 N/mm^2	10.56 N/mm^2
Water Penetration Value, 24 hrs	≤0.5 $kg/m^2h^{1/2}$	0.16 $kg/m^2h^{1/2}$
Tensile Strength (3mm) 14d SC 28d SC 7d SC+7d Water immersion	 ≥0.50 N/mm^2 ≥0.50 N/mm^2 ≥0.50 N/mm^2	 0.59N/mm^2 0.65N/mm^2 0.53N/mm^2

Working Properties

Type of Finish	Smooth, Ultra Fine
Thickness	0-2mm
Open Time	20 minutes
Pot Life	2 hrs

SURFACE PREPARATION

- Substrate should be structurally sound, solid, free of movement and well-bonded.
- It should be free of excess moisture and clean and free from dirt, oils or waxy films, loose materials, concrete sealers, curing compounds and other contaminants which may interfere with proper bonding.
- In cementitious surfaces, concrete or plaster must be free of efflorescence & excess moisture.
- Quick test for surface contaminants: simply sprinkle water on the substrate. If water beading occurs, it may be treated and affect adhesion.

MIXING

1. Mix in any non-absorbent mixing container such as plastic, steel or iron sheet.
2. Mix with enough water to the desired paste (approximately 7 liters of water per 20 Kg-bag). Mix by hand or with a slow speed mixer to a smooth, trowelable consistency.
3. Let the mortar stand for 5 minutes then mix again so that the chemicals will react completely with the cement and water.

APPLICATION

1. Under conditions of high temperature, dampen substrate prior to applying.
2. Apply with traditional flat trowel or putty knife to achieve a smooth finish with thickness of zero to 2mm. Use sufficient material and pressure to force into joints, cracks, and holes. Level and smooth.
3. If there is a need to recoat, apply the second coat before the 1^{st} coat is about to set.
4. When dry, sand or scrape smooth.
5. Protect from heat and direct sun for 2-4 hours after apply. Do not wet until material has set. Fully cured after seven (7) days.

LIMITATIONS:

- Do not use where excessive hydrostatic pressure or extreme moisture conditions exist unless sealed from moisture
- Not suitable for applications where movement occurs.

SAFETY DATA

- Avoid inhalation of the powder
- Avoid prolonged skin contact
- Avoid eye contact, wearing eye goggles is recommended
- MSDS available upon request

Skim Coat *Patch Gray*

PRODUCT INFORMATION SHEET

20130209

Betonit Skim Coat Patch Gray is a smooth spreading polymer modified blended cement for thin plastering. It is specially designed to level irregularities of interior and exterior surfaces to produce a pleasing flat smooth finish in preparation for painting.

FEATURES

- Easy to use, just add water
- Good surface preparation & primer for paint
- Excellent adhesion to porous substrate
- Good workability
- Ready for painting after 24 hours

USES

- For thin plastering, 2 to 5mm thick
- Ideal for masonry walls and ceilings
- Level defects in concrete walls and ceilings
- Repairing damage in concrete
- For interior and exterior

PRODUCT DATA

Product info

Color	Gray
Package Size	25kg-bag
Mix Ratio	0.26 L/kg
Coverage	10-20 sqm*
Shelf Life	12 months in cool dry place

** Coverage may vary depending on actual use and site conditions*

Performance Properties

	Spec.	Result
Scrub Test, 1d SC	>5000 cycles	>5000 cycles
28d Compressive Strength	7-12 N/mm^2	9.9 N/mm^2
Tensile Strength (3mm)		
14d SC	≥0.50 N/mm^2	0.53N/mm^2
28d SC	≥0.50 N/mm^2	0.50N/mm^2
7d SC+7d Water immersion	≥0.50 N/mm^2	0.76N/mm^2

Working Properties

Type of Finish	Rough
Thickness	2-5mm
Open Time	20 minutes
Pot Life	2 hrs

SURFACE PREPARATION

- Substrate should be structurally sound, solid, free of movement and well-bonded.
- It should be free of excess moisture and clean and free from dirt, oils or waxy films, loose materials, concrete sealers, curing compounds and other contaminants which may interfere with proper bonding.
- In cementitious surfaces, concrete or plaster must be free of efflorescence & excess moisture.
- Quick test for surface contaminants: simply sprinkle water on the substrate. If water beading occurs, it may be treated and affect adhesion.

MIXING

1. Mix in any non-absorbent mixing container such as plastic, steel or iron sheet.
2. Mix with enough water to the desired paste (approximately 6.5 liters of water per 25 Kg-bag). Mix by hand or with a slow speed mixer to a smooth, trowelable consistency.
3. Let the mortar stand for 5 minutes then mix again so that the chemicals will react completely with the cement and water.

APPLICATION

1. Under conditions of high temperature, dampen substrate prior to applying.
2. Apply with traditional flat trowel or putty knife with thickness of 2-5mm. Use sufficient material and pressure to force into joints, cracks, and holes. Level and smooth.
3. If there is a need to recoat, apply the second coat before the 1st coat is about to set.
4. When dry, sand or scrape smooth.(optional)
5. Protect from heat and direct sun for 2-4 hours after apply. Do not wet until material has set. Fully cured after seven (7) days.

LIMITATIONS:

- Do not use where excessive hydrostatic pressure or extreme moisture conditions exist unless sealed from moisture
- Not suitable for applications where movement occurs.

SAFETY DATA

- Avoid inhalation of the powder
- Avoid prolonged skin contact
- Avoid eye contact, recommend wear eye goggles
- MSDS available upon request

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