

**BAJAK'S SILTEX SMOOTH 46600**

Special product Data Sheet

Description:	BAJAK'S SILTEX SMOOTH 46600 is a physically drying paint based on modified acrylic resin with optimum color retention. It is a water-repellant, anti-carbonation coating with a carbon dioxide diffusion resistance of 6000 Gpa.s.m ² /kg . when applied in the SILTEX Coating System in two coats as described under REMARKS (see overleaf) . The SILTEX System also provides protection against chloride intrusion.
Recommended use:	<ol style="list-style-type: none"> 1. As an exterior finishing coat in SILTEX Coating Systems for protection of reinforced concrete structures, plaster, brick work and similar substrates. 2. As an exterior intermediate coating in Siltex textured coating systems for protection of reinforced concrete structures, plaster, brick work and similar substrates.
Service temperatures:	Dry :
periodical , maximum :	60 ° C / 140 ° F
Peak, maximum :	80 ° C / 176 ° F

PHYSICAL CONSTANTS:

Colours:	White (other shades according to assortment list)
Finish:	Flat
Volume Solids, %:	36%
Theoretical spreading rate:	7.2 m ² /litre – 50 micron 289 sq.ft/US gallon – 2 mils
Flash point:	23°C/73°F
Specific gravity:	1.3 kg/litre 10.8 lbs/US gallon
	Surface dry : ½ (approx.) hour at 20°C/68°F (ISO 1517)
Dry to touch:	2 (approx.) hour at 20°C/68°F
V.O.C. :	566 g/litre – 4.7 lbs / US gallon

APPLICATION DETAILS:

Application method:	Airless spray	Air spray	Brush / Roller
Thinner (max.vol.):	08080 (5%)	08080 (15%)	08080 (5%)
Nozzle orifice:	.025"- .027"		
Nozzle pressure:	100 bar/1450 psi (Airless spray data are indicative and subject to adjustment)		
Cleaning of tools:	THINNER 08080		
Indicated film thickness, dry:	50 micron/2 mils (see REMARKS overleaf)		
Indicated film thickness, wet:	125 micron/5 mils		
Recoat interval, min:	2 hours (20°C/68°F)		
Recoat interval, max:	None (See REMARKS overleaf)		

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SURFACE PREPARATION: **Repair and maintenance** : Remove damaged and loose paint by mechanical cleaning and dust off. Seal bare substrates with BAJAK'S SILTEX SEALER 26600 and touch up to full film thickness with BAJAK'S SILTEX SMOOTH 46600 .

APPLICATION CONDITIONS: As dictated by normal good painting s practice. Surface temperatures over the dew point, preferably more than 3°C/5°F .
In confined spaces, provide adequate ventilation during application and drying. Relative humidity (RH) below 85% .

PRECEDING COAT: BAJAK'S SILTEX SEALER 26600 .
SUBSEQUENT COAT: BAJAK'S SILTEX SMOOTH 46600, BAJAK'S SILTEX FINE 5661 or BAJAK'S SILTEX MEDIUM 5662 according to specification.

REMARKS:
Carbon dioxide and water resistance : In a total dry film thickness of minimum 100 micron / 4 mils, 2 coats, BAJAK'S SILTEX SMOOTH 46600 has a carbon dioxide diffusion resistance, ZCO₂, of 6000 Gpa x s x m²/kg, a water vapour diffusion resistance, ZH₂O, of 11 Gpa x s x m²/kg, and a water repellency of more than 97% .

Film thickness : May be specified in another film thickness than indicated depending on purpose and area of use. Minimum total dry film thickness is 100 micron/4 mils. Application in higher film thicknesses than indicated will alter spreading rate and may influence drying time and recoat interval. Furthermore, another film thickness than indicated will influence ZCO₂, ZH₂O and water repellancy. For multi-coat application, the actual film thickness and the number of coats applied influence the minimum recoat interval. Reference is made to the corresponding painting specification.

Recoating : No maximum recoat interval, but before over coating after exposure in contaminated environment, clean the surface thoroughly by high pressure fresh water hosing and allow to dry.

Coating system :	BAJAK'S SILTEX SEALER 26600	BAJAK'S SILTEX SMOOTH 46600	BAJAK'S SILTEX SMOOTH 46600
	Sealing	min. 50 micron	min. 50 micron

Note: **BAJAK'S SILTEX SMOOTH 46600 is for professional use only.**

Safety: Handle with care. Before and during use, observe all safety labels on packaging and paint containers, consult BAJAK Material Safety Data Sheets and follow all local or national safety regulations. Avoid inhalation, avoid contact with skin and eyes, and do not swallow. Take precautions against possible risks of fire or explosions as well as protection of the environment. Apply only in well ventilated areas.