



BAJAK'S SILICONE ALUMINIUM 52660

Formerly 56910

Description: BAJAK'S SILICONE ALUMINIUM 52660 is a heat resistant aluminum pigmented paint.

Recommended use: For long-term protection of hot pipelines, exhaust pipes, smoke stacks and other hot Surfaces. In corrosive environment see PRECEDING COAT overleaf.

Service temperatures: Maximum, dry: 600°C.

PHYSICAL CONSTANTS:

Colours/Shade nos: Aluminum/19000
Finish: Semi-flat (See REMARKS overleaf)
Volume Solids: 31 ± 1%
Theoretical spreading rate: 12.4 m²/litre – 25 micron

Flash point: 25°C
Specific gravity: 1.1 kg/litre
Surface dry: 1 (approx.) hour at 20°C (ISO 1517)
Dry to touch: 2-4 hours at 20°C
V.O.C.: 590 g/litre

APPLICATION DETAILS:

Application method:	Airless spray	Air spray	Brush	Brush
Thinner (max.vol.):	8031 (5%)	8031 (5%)	8031 (5%)	(See REMARKS overleaf)
Pot life:	2 hours (20°C)			
Nozzle orifice:	.017"			
Nozzle pressure:	125 bar/1800 psi (Airless spray data are indicative and subject to adjustment)			
Cleaning of tools:	THINNER 8031			
Indicated film thickness, dry:	25 micron (See REMARKS overleaf)			
Indicated film thickness, wet:	75 micron			
Recoat interval, min:	24 hours (20°C) (See REMARKS overleaf)			
Recoat interval, max:	See REMARKS overleaf			

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. This goes for personal protection such as, but not limited to, protection of lungs, eyes and of the skin, medical treatment in case of swallowing the paint or in case of other direct contact with the paint. Take necessary precautions against possible risks of fire or explosions as well as protection of the environment. Apply only in well ventilated areas and ensure that adequate forced ventilation exists when applying paint in confined spaces or when the air is stagnant.

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SURFACE Preparation:	Remove oil and grease etc. thoroughly with suitable detergent. Remove salts and other contaminants by (high pressure) fresh water cleaning. Abrasive blasting to Sa 2½.
APPLICATION CONDITIONS:	Clean and dry surface with a temperature above the dew point to avoid condensation. In confined preceding coat.
SUBSEQUENT COAT:	None.
REMARKS:	
Gloss	After exposure to heat the gloss is reduced.
Film thicknesses:	It is recommended to avoid too high thicknesses of the paint as this will give a risk of blistering at later heating. THINNER 8031 must be added at application to secure the low dry film thickness.
Curing:	To obtain full curing BAJAK'S SILICONE ALUMINIUM 52660 requires heating to minimum 200°C for at least 2 hours as the coating will otherwise exhibit certain thermo plasticity.
High temperature service:	For high temperature service, the total dry film thickness of the paint system should preferably be kept at 75 micron as maximum.
First exposure to heat:	Do not expose the paint system to heat before it is through dry (minimum 24 hours at 20°C).
Recoating:	May be recoated when through dry (24 hours at 20°C) or after being heated for one hour to approximately 200°C. Before recoating after exposure in contaminated environment, clean surface thoroughly by high pressure fresh water hosing and allow to dry.
Zinc silicate primer:	If BAJAK 'S SILICONE ALUMINIUM 52660 is applied on zinc silicate coatings, such as BAJAK'S ZINCSIL 11160, popping may occur after application or after first heating up. The best way to avoid popping is to apply a mist coat in the first pass of BAJAK'S SILICONE ALUMINIUM 52660. Let the air escape and apply the full coat of BAJAK 'S SILICONE ALUMINIUM 52660.
Note:	BAJAK 'S SILICONE ALUMINIUM 52660 is for professional use only.

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