



باجاك (سهامى خاص)

BAJAK'S SILICONE ALUMINIUM 56910

- Description:** BAJAK'S SILICONE ALUMINIUM 56910 is a heat resistant aluminium 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/1112°F.
- Availability:** Part of Group Assortment. Local availability subject to confirmation.

PHYSICAL CONSTANTS:

- Colours/Shade nos: Aluminium/19000
Finish: Semi-flat (See REMARKS overleaf)
Volume Solids, %: 31 ± 1
Theoretical spreading rate: rate: 12.4 m²/litre – 25 micron
497 sq.ft./US gallon - 1.0 mil
- Flash point: 25°C/77°F
Specific gravity: 1.1 kg/litre - 9.2 lbs/US gallon
Surface dry: 1 (approx.) hour at 20°C/68°F (ISO 1517)
Dry to touch: 2-4 hours at 20°C/68°F
V.O.C.: 590 g/litre - 4.9 lbs/US gallon
Shelf life: 1 year (25°C) from time of production. Depending on storage conditions, mechanical stirring may be necessary before usage.

APPLICATION DETAILS:

- Application method: Airless spray Air spray Brush Brush
Thinner (max.vol.): 08080 (5%) 08080 (5%) 08080 (5%) (See REMARKS overleaf)
Pot life: 2 hours (20°C/68°F)
Nozzle orifice: .017"
Nozzle pressure: 125 bar/1800 psi
(Airless spray data are indicative and subject to adjustment)
- Cleaning of tools: THINNER 08080
Indicated film thickness, dry: 25 micron/1 mil (See REMARKS overleaf)
Indicated film thickness, wet: 75 micron/3 mils
Recoat interval, min: 24 hours (20°C/68°F) (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.

- Issued: March 2004

2. BAJAK'S SILICONE ALUMINIUM 56910

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 dew point to avoid condensation. In confined spaces provide adequate ventilation during application and drying.
PRECEDING COAT:	Can be used directly on blast-cleaned steel. For maximum corrosion protection, a primer coat of the following paints is recommended (40 micron/1.6 mil dry film thicknesses): BAJAK'S SILICONE ZINC 16900 or BAJAK'S ZINCSIL 15700. This will lower the heat resistance, reference is made to the product data sheets for the mentioned primers.
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 08080 must be added at application to secure the low dry film thickness.
Curing:	To obtain full curing BAJAK'S SILICONE ALUMINIUM 56910 requires heating to minimum .300°C for at least 2 hrs as the coating will otherwise exhibit certain thermoplasticity
High temperature Service:	For high temperature service, the total dry film thickness of the paint system should preferably be kept at 75 micron/3 mils as maximum.
First exposure:	Do not expose the paint system to heat before it is through dry (minimum 24 hours at to heat: 20°C/68°F).
Recoating:	May be recoated when through dry (24 hours at 20°C/68°F) or after being heated for one hour to approximately 200°C/392°F. 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 56910 is applied on zinc silicate coatings, such as BAJAK'S ZINCSIL 15700, 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 56910. Let the air escape and apply the full coat of BAJAK'S SILICONE ALUMINIUM 56910.
Note:	BAJAK'S SILICONE ALUMINIUM 56910 is for professional use only.