

BAJAK'S SILICONE ZINC 16900

- Description:** BAJAK'S SILICONE ZINC 16900 is a heat resistant zinc pigmented silicone primer. It is air drying at ambient temperature and resists temperatures up to 400°C/750°F. (See REMARKS overleaf)
- Recommended use:** As a primer for long-time corrosion protection of steel exposed to high temperatures (from 100°C/210°F to 400°C/750°F).
- Service temperatures:** Maximum service temperature is depending on the subsequent coat. When topcoated with BAJAK'S SILICONE ALUMINIUM 56910 dry service temperature is max. 400°C/750°F.
- Availability:** Part of Group Assortment. Local availability subject to confirmation.

PHYSICAL CONSTANTS:

- Colours/Shade nos: Metal grey/19840
Finish: Flat
Volume solids, %: 57 ± 1
Theoretical spreading rate: 14.3 m²/litre - 40 micron
571 sq.ft./US gallon - 1.6 mil
Flash point: 25°C/77°F
Specific gravity: 2.6 kg/litre - 21.7 lbs/US gallon
Surface dry: 1 (approx.) hours at 20°C/68°F (ISO 1517)
Dry to touch: 2-3 hours at 20°C/68°F
V.O.C.: 390 g/litre - 3.2 lbs/US gallon

APPLICATION DETAILS:

- Application method: Airless spray Air spray Brush
Thinner (max.vol.): 08080 (5%) 08080 (15%) 08080 (5%)
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: 40 micron/1.6 mil
Indicated film thickness, wet: 75 micron/3 mils
Recoat interval, min: 4 hours (20°C/68°F) (See REMARKS overleaf)
Recoat interval, max: None (See REMARKS overleaf)

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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. If shopprimer is required, only zinc silicate type is recommended.
APPLICATION CONDITIONS:	Clean and dry surface with a temperature above the dew point to avoid condensation. In confined spaces provide adequate ventilation during application and drying.
PRECEDING COAT:	None, or zinc silicate shopprimer.
SUBSEQUENT COAT:	BAJAK'S SILICONE TOPCOAT 56900, BAJAK'S SILICONE ALUMINIUM 56910, BAJAK'S SILICONE ACRYLIC 56940 or similar according to specification.
REMARKS	Note: If used as anticorrosive protection under insulation of high temperature equipment it is very important that NO moisture can penetrate during slow-down periods. This to avoid risk of "wet corrosion" when the temperature rises. Do not expose the paint system to heat before it is through dry (minimum 24 hours at 20°C/68°F).
Film thicknesses:	It is recommended to avoid too high thicknesses of the paint as this will give a risk of blistering at later heating. For high temperature service, the total dry film thickness of the paintsystem should preferably be kept at 75 micron/3 mils.
Recoating intervals:	May be recoated both at ambient temperature and after being heated for one hour to a temperature above 200°C/392°F. Before recoating after exposure in contaminated environment, clean surface thoroughly by high pressure fresh water hosing and allow to dry.
Note:	BAJAK'S SILICONE ZINC 16900 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. 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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