BAJAK'S ZINC PRIMER 16490

Description: BAJAK'S ZINC PRIMER 16490 is a one-component, high molecular weight, quick drying, phenoxy coating with a high content of zinc.

Recommended use:

1- As a protective primer on steel in severely corrosive environment.
2- For repair of ZINCSIL and other zinc rich coatings.
3- For repair of galvanized steel.

Service temperatures: Dry :
maximum: 120°C/248°F, however, depending on the subsequent coat.

Availability: Subject to confirmation.

PHYSICAL CONSTANTS:

Colours/Shade no:	Metal Gray/19840
Finish:	Flat
Volume Solids, %:	34%
Theoretical spreading rate:	9.7 m²/litre at 35 micron 390 sq.ft./US gallon - 1.4 mils
Flash point:	7°C/45°F
Specific gravity:	2.0 kg/litre - 16.7 lbs/US gallon
Surface dry:	15 (approx.) minutes at 20°C/68°F (ISO 1517)
Dry to touch:	30 (approx.) minutes at 20°C/68°F
V.O.C.:	593 g/litre - 4.9 lbs/US gallon

APPLICATION DETAILS:

Application method:	Airless spray	Brush
Thinner (max.vol.):	08450 or 08710 (5%)	08450 (5%)
Nozzle orifice:	0.019" - 0.021"	
Nozzle pressure:	200 bar/2900 psi (Airless spray data are indicative and subject to adjustment)	
Cleaning of tools:	THINNER 08450 or BAJAK'S TOOL CLEANER 99610	
Indicated film thickness, dry:	35 micron/1.4 mils	
Indicated film thickness, wet:	100 micron/4 mils	
Recoat interval, min:	30 minutes (20°C/68°F)	
Recoat interval, max:	None (See REMARKS overleaf)	

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SURFACE PREPARATION:	**New steel:** Abrasive blasting to minimum Sa 2½, SSPC-SP-10 with a surface profile Corresponding to Rugotest No. 3, N9a to N10, preferably BN9a to BN10, Keane-Tator Comparator, 2.0 G/S or ISO Comparator, Medium (G). **Repair of galvanized steel or zinc-rich coating:** Remove oil and grease, etc. with suitable detergent. Remove salts and others contaminants by (high pressure) fresh water cleaning. Remove rust and loose material by abrasive blasting or power tool cleaning (avoid burnishing the surface). Dust off residues.
APPLICATION CONDITIONS:	The surface must be completely clean and dry at the time of application and its temperature must be above the dew point to avoid condensation. Tolerates low temperature application which, however, will increase drying time. At the freezing point and below be aware of the risk of ice on the surface, which will hinder the adhesion. In confined spaces provide adequate ventilation during application and drying.
PRECEDING COAT:	None.
SUBSEQUENT: COAT:	Recommended are BAJAPOX or BAJATEX Systems according to specification.
REMARKS:	**Note:** Due to a risk of corrosion from possible moisture penetration, many experts advise against the use of zinc primers behind high temperature insulation.
FILM THICKNESS:	May be specified in another film thickness than indicated depending on purpose and area of use. Normal range is 25-35 micron/1.0-1.4 mils.
Recoating:	If the coating has been exposed to the atmosphere for some time, the surface should be thoroughly hosed down and scrubbed with a stiff brush to remove "white rust" (zinc corrosion products) in addition to the usual cleaning for dirt, oil, grease, etc. Allow surface to dry before recoating. When overcoated, the entire paint system must be through dry and fully cured before full mechanical strength is obtained. Care should be taken to avoid water contamination in the cans to prevent gelling or gassing.
Note:	**BAJAK'S ZINC PRIMER 16490 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. Harmful or fatal if swallowed; immediately seek medical assistance if swallowed. Avoid inhalation of possible solvent vapours or paint mist, as well as paint contact with skin and eyes. 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. Always take precautions against the risks of fire and explosions.

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