



BAJAK ZINC SILICATE PRIMER 11160

CURING AGENT (zinc dust 61760)
Formerly 15700

Description: BAJAK ZINC 11160 is a two component inorganic zinc silicate with outstanding resistance against weathering and abrasion and chemical within the PH range 6-9 offers cathodic protection of local mechanical damage.

Recommended use:

- 1- As a general purpose heavy duty, rust preventing primer.
- 2- As a single, complete coating for long term protection of steel.
- 3- As a tank lining.

Service temperatures: Dry :
maximum: 400°C

TECHNICAL DATAS:

Binders: Ethyl silicate
Pigments: Zinc dust
Solvents: Ketones, Alcohols and aromatic hydrocarbons.
Hardener: 61000

PHYSICAL CONSTANTS:

Mixed product: 11160
Colours: Metal Gray
Finish: Flat
Volume Solids: 62%
Theoretical spreading rate: 12.4 m²/litre at 50 microns dft.
Flash point: 14°C
Specific gravity: app. 2.6 kg/litre (Mixed)
Dry to touch: 0.5 hrs at 20°C (65-75% RH)
Fully cured: 3 days at 20°C (65-75% RH)
V.O.C.: 535 g/litre
Pot life Min: 8 hr. at 20°C

APPLICATION DETAILS:

Mixing ratio: Base 11160 : Curing agent 61760
3.2 : 6.8 by weight

Application method:	Airless spray	air spray	Brush (touch-up)
Thinner (max.vol.):	08060 (30%)	08060 (50%)	08060 (10%)
Nozzle orifice:	0.019" - 0.023"		
Nozzle pressure:	100 bar/2200 psi		

Cleaning of tools: 08060
Indicated film thickness, dry: 60 microns
Indicated film thickness, wet: 100 microns
Recoat interval, min: (See Remarks Overleaf)
Recoat interval, max: None (See Remarks Overleaf)

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SURFACE PREPARATION:	Remove oil, grease and etc. with suitable detergent remove salt and other contaminants by (high pressure) fresh water cleaning. Gritblasting to minimum Sa 2½ with a surface profile equivalent to Rugotest No. 3, BN10a, Keane-Tator Comparator, min. 3.0 G/S, or ISO comparator rough medium(G).
APPLICATION CONDITIONS:	The surface must be completely clean and dry with a temperature of min 3 °C above the dew point to avoid condensation. At temperature ranging from -10°C to 40°C. Curing needs minimum 65% relative humidity.
PRECEDING COAT:	None.
SUBSEQUENT COAT:	According to specification.
REMARKS:	
FILM THICKNESS:	If top coated with a heavy-duty system. 50 micron dry film thickness (75 micron wet) is recommended. Consult separate APPLICATION INSTRUCTIONS before recoating. For long-term protection without topcoat, 75 micron dry film thickness (100-125 micron wet) is generally recommended. In tanks 100 micron dry film thickness (150 micron wet) is recommended but may be applied in 125 micron dry film thickness (200 micron wet).
THINNING:	For application at high temperatures, consult BAJAK technical service department.
Recoating:	Minimum interval 20°C, 65-75% RH for recoating with: BAJAPOX (system/high-build) 3 days, full curing (see APPLICATION INSTRUCTIONS) BAJAPOX (25 micron) 24 hours Recoating intervals are strongly dependent on both temperature and humidity. Deviations from the standard conditions may shorten or prolong the recoating intervals. The recoating interval of 24 hours for 25 micron BAJAPOX is only valid in case the subsequent coat is applied more than 1 week after (20°C), 75% RH, humid weather. Otherwise, the minimum recoating interval is the same as for system/high-build.
Safety:	Handle with care. Before and during use, observe all safety labels on packaging and paint containers. Avoid inhalation of possible solvent vapors or paint mist, as well as paint contact with skin and eyes. Apply only in well ventilated areas.
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