

**BAJAUREA® SF 73550**

CURING AGENT 63550

**Description:**

BAJAUREA SF 73550 is a two component, solvent free, inert pigmented pure polyurea paint with good wetting properties and low water permeability. It is self priming and forms a hard and tough coating, which has good resistance against abrasion and impact as well as to seawater, mineral oils and wastewater. It displays outstanding physical properties with high application in thick coats by heavy duty hot dual airless spray equipment up to 1000 microns/40 mils in one working process is possible.

**Recommended use:**

- 1- As an external coating for steel pipe and concrete surfaces exposed to soil and seawater.
- 2- As and internal coating for steel pipe and concrete exposed to waste water.

**PHYSICAL CONSTANTS:**

Mixed product:	73550
Colours/Shade no:	Grey – 7000 series
Finish:	Semi gloss to glossy
Volume Solids, %:	100
Theoretical spreading rate:	1m <sup>2</sup> /litre – 1000 micron
Flash point:	100 min./212 C/F Abel-pensky. Close cup
Specific gravity:	1.1 (approx.) kg/litre
Surface dry:	60 (approx.) second at 23°C (ISO 1517)
Fully cured:	1 day at 23°C/68°F
Gel time:	10-20 second at 23°C
Shelf life:	6-12 months, Max temperature 25°C

**APPLICATION DETAILS:**

Mixing ratio for 73550:	Base BAJAUREA 73550:	1 part by volume
	Curing agent 63550:	1 part by volume
Application method:	Hot airless spray	Brush (touch up)
Thinner (max.vol.):	Not recommended	
Pot life:	5-10 sec. at (60°C/140°F)	
Nozzle orifice:	.027" - .035"	
Nozzle pressure:	200 bar/3000 psi (Airless spray data are indicative and subject to adjustment)	
Cleaning of tools:	BAJAK'S TOOL CLEANER 08055	
Indicative dft:	1000 microns/40 mils (See REMARKS overleaf)	
Indicative wft:	1000 microns/40 mils (See REMARKS overleaf)	
Recoat interval, min:	8 hours (20°C/68°F)	
Recoat interval, max:	3 days (20°C/68°F)	

## 2. BAJAUREA<sup>®</sup> SF 73550

SURFACE PREPARATION:	Abrasive blasting to minimum Sa 2½, SSPC-SP 10. Surface profile corresponding to Rugotest No. 3, BN 11 according to Rugotest No. 3. After blasting, clean the surface carefully from abrasives and dust.
APPLICATION CONDITIONS:	Apply only on a dry and clean surface. The product should be applied with heated plural component spray equipment such as products from Graco, WIWA. Experienced and motivated applicators should apply the product.
PRECEDING COAT:	None, or BAJAPOX 12220
SUBSEQUENT COAT:	None, or according to specification.
SERVICE TEMPERATURE:	Wet service temperature : Max. : 50°C/122°F Dry peak temperature : Max. : 150°C/302°F Min. : -50°C/-58°F
Film thicknesses:	May be specified in another film thickness than indicated depending on purpose and area of use. Normal thickness is 1000 Mic. (40 mil.). This will alter spreading rate and may influence drying time and reciting interval.
Pot life:	The pot life is dependent upon temperature.
Note:	<b>BAJAUREA<sup>®</sup> SF 73550 is for professional use only.</b>
Safety:	Packing is provided with applicable safety labels, which should be observed. In addition, Material Safety Data sheet(s) should be consulted and national or local regulations should be followed. As a general rule, inhalation of solvent vapors or paint mist, and contact of liquid paint with skin and eyes should be avoided. Forced ventilation should be provided when applying paint in confined spaces or stagnant air. Even when ventilation is provided, respiratory, skin, and eye protection are always recommended when spraying paint. Necessary precautions against the risk of fire or explosion must be taken.
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