

ADVOGUARD 3390 HB-SZ
(or application on wet & submerged surfaces)

**GENERAL
DESCRIPTION**

Two-pack Solvent-less High Build Epoxy coating specially designed for application on wet surfaces and under submerged conditions in both fresh water and sea water. It has excellent anti-corrosive properties. The coating remains intact over wide temperature range – from 0° to 80°C

RECOMMENDED USE

For direct application on Piles, Rigs, Jetties, under-water Structures, and Tidal zones. Permits application of 300 to 500µ in a single coat.

Recommended for ISO 12944 C5M and C5I conditions.

PHYSICAL DATA

Colour	Off-White
Finish	Smooth Semi Glossy
Volume Solids (by ASTM D 2697)	85 %
Mixing Ratio – Base: Hardener	4 : 1 by weight
Recommended Dry Film Thickness	300 – 500 µm per coat
Wet Film Thickness	300 – 500 µm per coat
Theoretical Spreading Rate	2.1 m ² per litre @ 400 µm DFT

DRYING TIME:

Drying times are generally depend on air circulation, ambient temperature, film thickness and number of coats, and will be affected accordingly. The figures given in table below are indicative only.

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TEMPERATURE		15°C	25°C	35°C
INDUCTION TIME		15 Minutes	10 Minutes	5 Minutes
TOUCH DRY		3 hours	2½ hours	1½ hour
HARD DRY		12 hours	9 hours	8 hours
OVERCOATING INTERVAL	MINIMUM	12 hours	9 hours	8 hours
	MAXIMUM	48 hours	48 hours	48 hours
POT LIFE		2.5 hour	1.5 minutes	45 minutes

THINNER RECOMMENDED	Advoguard Thinner for Epoxy
SHELF LIFE	12 months @ 27°C

LIMITATION	
POT LIFE	If viscosity of mixed paints reaches more than double of initial viscosity do not apply the mixed paint anymore.
BLASTING OR APPLICATION	Do not carry out an application in the following conditions: When relative humidity > 95 % When ambient temperature < 10°C and ≥ 40°C When Substrate temperature is less than 3°C above the dew point.

SURFACE PREPARATION	Accumulated dirt and solvent salts must be removed by brush followed by fresh water cleaning. Repeat the process still the surface is free from chloride & dry it. Oil and grease should be removed following SSPC-SPI solvent cleaning. Clean the steel surface with potable water repeatedly till the surface is free from soluble chloride
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ABRASION BLAST CLEANING	Abrasion blast clean to minimum Sa 2½ (ISO 8501-1:2007) or SSPC-SP10. Surface profile would be sharp and angular to 50 – 60 microns. Surface defects like weld spatters, holes etc. must be taken care. Ensure there is no oil and grease on the metal surface. Remove them by Advoguard Thinner. Remove soluble salts with potable water and dry the surface prior to painting
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MIXING METHOD	Material is supplied in two containers as a unit. Always mix a complete unit in the proportions supplied. Agitate Base (Part A) with pneumatic stirrer and add Part B slowly and continue stirring 3-5 minutes till the mixture becomes homogeneous. Do not add thinner. If ambient temperature >35°C, add 2-6% thinner to control the DFT. To increase the pot life, keep the containers in AC room having Temp 10 – 20°C Prior to mixing
AIRLESS APPLICATION	Pump Ratio: 70: 1 Tip size : 0.58 – 0.68 mm Air pressure: 4 - 5 Kg/cm2
BRUSH APPLICATION	For small area or to touch up, apply Advoguard 3390 HB –SZ by brush
STORAGE	The product must be store below 25°C and in accordance with national regulations. Keep the containers in a dry, cool, well ventilated space, and away from source of heat and ignition. Containers must be kept tightly closed.
SAFETY PRECAUTIONS	Keep the material away from heat, spark, and direct flame. In case of contamination, rinse with fresh running water and seek medical help at once. Provide sufficient ventilation when working with solvent based coatings in confined spaces and stagnant air. Follow Local and National Safety Rule
WORK STOPPAGE	Clean the hoses, gun or spray equipment with water immediate after application. Do not allow material to remain in the equipment system.

CLEAN UP

Clean all equipment thoroughly with water immediately after use. As part of good working practices, spray equipment should also be flushed periodically during the working day. The frequency of cleaning depends on factors such as the volume of material sprayed, ambient temperature, and the duration of any delays or downtime.

Dispose of all surplus materials and empty containers responsibly, in compliance with applicable regional regulations and legislation.

NOTE

Thinner consumption and loss factor in practical coverage of paint depends upon the site condition.

Avoid inhalation of solvent vapour or paint mist by using facial mask. Also use gloves and goggles to protect against direct contact of paint with skin and eyes.

This cancels all previous information sheets for this Product.

Information given here is in good faith without warranty.

DISCLAIMER

The information provided in this document is based on Advance Paints best knowledge, derived from laboratory testing and practical experience. As Advance Paints products are considered semi-finished goods, they are often used under conditions beyond the company's control. Therefore, Advance Paints can only guarantee the quality of the product itself and cannot assume responsibility for its performance under all circumstances. Minor variations in the product may occur to meet local requirements. Advance Paints reserves the right to amend the provided data without prior notice.

Users should always consult Advance Paints for specific guidance on the suitability of this product for their particular needs and application practices.

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This data sheet is not exhaustive. For further information or additional details, please reach out to our Technical Service Team.

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