

ADVOGUARD 3360 HB PNE (F6A)

(Epoxy High Build Coating)

GENERAL DESCRIPTION

Two pack High Build Aromatic amine adduct cured epoxy resin medium suitably pigmented for interior of storage tanks. Has excellent resistance to both Aliphatic and Aromatic Hydrocarbons. It also has excellent resistance to Acids, Alkalis, and Ketonic solvents.

RECOMMENDED USE

Interior of Storage Tanks, Silos, Cargo-holds, Exterior Pipelines and associate structural installation mainly in the oil and gas refineries sector. It is also recommended to apply an Acrylic Aliphatic Polyurethane as finish topcoat.

PHYSICAL DATA

Colour	Off White & Dark Grey
Finish	Smooth Eggshell
Volume Solids	57%
Mixing Ratio (By Volume)	3 : 1
Dry Film Thickness	100 – 125 µm per coat
Wet Film Thickness	175 – 220 µm per coat
Spreading Rate	4.6 – 5.7 m ² per litre @ 100 – 125 µm DFT
Flash Point	>30°C
Adhesion Resistance (ASTM D 4541)	>7 MPa
Service Temperature (Min.)	80°C Dry Service (Method A)

DRYING TIME:

Drying times are generally depending 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.

ADVANCE PAINTS PVT. LTD.

TEMPERATURE		15°C	25°C	35°C
INDUCTION TIME		10 MINUTES	15 MINUTES	20 MINUTES
TOUCH DRY		3½ hours	2 hours	1½ hours
HARD DRY		12 hours	8 hours	6 hours
OVERCOATING INTERVAL	MINIMUM	24 hours	16 hours	12 hours
	MAXIMUM	72 hours	72 hours	72 hours
POT LIFE		8 hours	6 hours	4 hours
FULL CURE @30°C (FOR IMMERSION/HIGH TEMP SERVICE)		5 DAYS		

THINNER RECOMMENDED	Advoguard Epoxy Thinner
SHELF LIFE	12 months @ 25°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 humidity > 95% When ambient temperature < 10°C and >48 °C When Substrate temperature is less than 3°C above the dew point.

SURFACE PREPARATION	Thoroughly clean the surface of all dust dirt, oil and grease.
---------------------	--

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 65 – 75 micron. Coating should be applied prior to surface oxidation. If surface oxidation has occurred, reblast to visual standard. Surface defects like weld spatters, holes etc. must be taken care. In case of direct application of Advoguard 3360 PNE, blast profile would be 75 – 100µm
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 slowly hardener (Part B) for 3-5 minutes till the mixture becomes homogeneous. Do not add thinner. If ambient temperature >40°C, add 3-6% thinner to avoid dry spray and to control the DFT.
AIRLESS APPLICATION	Machine Type: Model No. RHINO 75.210VR COATING (P) Ltd Pump Ratio : 60:1 Tip size : 0.48 – 0.68 mm Air pressure : 4 – 5 Kg/cm ²
CONVENTIONAL AIR SPRAY	Air Spray Gun (Pilot Type 59) Pressure – 3 – 4 Kg/sq cm Nozzle size – 1.2 – 1.8 mm
BRUSH APPLICATION	For small area or to touch up, apply by brush. Do not apply when humidity is very high (>90%) or the ambient temperature is below 3°C of dew point.
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. Shelf life deteriorate if the product is stored above 25°C.

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 Rules.

WORK STOPPAGE

Clean the hoses, gun or spray equipment with advoguard thinner immediate after application. Do not allow material to remain in the equipment system.

CLEAN UP

Clean all equipment thoroughly with advoguard thinner 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.

Issue date: 1 August 2023

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

ADVANCE PAINTS PVT. LTD.