



Technical Data Sheet

MARINEPRO BASECOAT 2K

Marine System dedicated basecoat

The system features 24 solid (no-effect) colours and 9 metallic and pearlescent effect colours.

Other colours are made to special order and custom colours can be developed from the customer's master or by NOVOL on custom order.

RELATED PRODUCTS

HARD 5040 Hardener

THINNER 858 Basecoat thinner, Standard, Slow, or Extra Slow

FEATURES

- High yield
- High hiding power
- Excellent drying
- Easy application

MARINEPRO epoxy primers	Filling or priming version: - Dry power sand: For rough sanding: P280 to P360 For finish sanding: P400 to P500 Degrease with this remover: MARINEPRO PLUS 780			
Existing OEM finish	Dry power sand P400 to P500 grit. Thoroughly degrease with MARINEPRO PLUS 780.			
PRODUCT PREPARATION				
	Carefully mix the colour throughout until uniform.			
CAUTION: Use only with the MARINEPRO CLEARCOAT HG 755 2K clearcoat.				
APPLICATION CONDITIONS				
The MARINEPRO BASECOAT 2K is recommended to be applied at temperatures above 15°C and at no more than 75% RH.				
		Nozzle	Pressure	Spray gun setting (output)
		High-pressure gravity fed spray gun.		
	Full layer	1.3 mm	1.8 to 2.0 bar	100%
	Drop layer	1.3 mm	1.5 to 1.6 bar	30%
APPLICATION				
	METALLIC / PEARLESCENT COLOURS		SOLID (NO-EFFECT) COLOURS	
	HARD 5040 THINNER 858		HARD 5040 THINNER 858	
	Volume ratio	Weight ratio	Volume ratio	Weight ratio
	5:1:80%	100:20:75	5:1:80%	100:20:75
	DIN 4/20°C depending on the colour: 14 to 17 s		DIN 4/20°C depending on the colour: 14 to 17 s	

	Apply 2 or 3 separate layers until the desired hiding power is achieved. Before each recoating, dry or flash off the applied layer. 15 to 20 min Dry the opaque (hiding) layers until dry to the touch.	Apply 2 or 3 individual layers until the desired hiding power is achieved. Before each recoating, dry or flash off the applied layer. 15 to 20 min Dry the opaque (hiding) layers until dry to the touch. Leave for 30 minutes before applying a clearcoat.		
	Apply a single drop layer (for effect colours), if necessary, 5 to 10 minutes after the solid layer. - spraying distance: like for the hiding layer Leave for 30 minutes before applying a clearcoat.			
Dry film thickness:	15 to 18 µm	20 to 25 µm		
APPLICATION OF 2CT (TWO-COAT) COLOURS				
Always add the HARD 5040 hardener to the basecoat. Adding a hardener improves the quality of the coating, like resistance to typical impact and scuffing in marinas, while improving the adhesion and cohesion of the basecoat, which is especially important for coatings with special requirements, e.g. premium-quality full coating of yachts and motor boats, as well as coatings for vessel components. A test spray is necessary to verify the colour and finish match before the final application.				
APPLICATION OF 3CT (THREE-COAT) COLOURS				
Always add the HARD 5040 hardener to the basecoat. When applying 3CT colours, add the hardener to both the hiding colour and the effect colour. Adding a hardener improves the quality of the coating, like resistance to typical impact and scuffing in marinas, while improving the adhesion and cohesion of the basecoat, which is especially important for coatings with special requirements, e.g. premium-quality full coating of yachts and motor boats, as well as coatings for vessel components. A test spray is necessary to verify the colour and finish match before the final application.				
DRYING TIME				
The drying time of the MARINEPRO BASECOAT 2K depends on air temperature and humidity. High humidity and low temperatures extend the drying time. Forced air circulation or higher temperature reduces the drying time.				
MARINEPRO THINER 858 BASECOAT THINNER				
Surface	up to 20°C	20 to 25°C	25 to 35°C	> 35°C
Small Recoating of parts and spot repairs	THINNER 858 standard	THINNER 858 slow	THINNER 858 extra slow	Not recommended for coating very large workpieces
Medium Vessel LOA up to 8m	THINNER 858 standard	THINNER 858 slow	THINNER 858 extra slow	Do not coat
Large Vessel LOA up to 14m and more	THINNER 858 standard	THINNER 858 slow	THINNER 858 extra slow	Do not coat
For colours with a coarse metallic grain, an extra slow thinner is recommended to improve the uniformity of the final effect (especially at high temperatures or when coating large surfaces).				

MIXTURE LIFE	
	16 h/20°C
EQUIPMENT CLEANING	
Thoroughly clean with the THINNER 858 or nitrocellulose solvent.	
STORAGE CONDITIONS	
Store in a cool, dry room, away from sources of fire and heat. Avoid direct exposure to sunlight.	
SHELF LIFE	
MARINEPRO BASECOAT 2K	6 months/20°C
HARD 5040	18 months/20°C
THINNER 858	24 months/20°C
SAFETY	
See the Safety Data Sheet	
OTHER INFORMATION	
Index number: 000024104 The effectiveness of our systems / products is the combined result of research conducted under controlled conditions in the NOVOL laboratory and our long experience. The data contained in this document reflects the current level of knowledge about our products, quality features (characteristics) and verified possibilities (conditions) of their use. We ensure the high quality of the product, provided that the user follows the instructions (guidelines included in the product data sheet) and the work is performed in accordance with good workmanship. Due to numerous factors that may affect the working conditions and the use of our systems / products, the recipient or user of the products is required to carry out their own tests and experiments, on the basis of which they can determine the fitness of a chosen product for a given application. The product is intended for use by professionals, at their own risk and responsibility. <u>Given this, NOVOL does not provide any legally binding guarantees as to specific characteristics or fitness for a particular purpose.</u> <u>The principles of liability of NOVOL are set out in the General Terms and Conditions of Sale of Nautic Products (OWS NAUTIC) available at https://nautic.novol.com/uploads/OWS-nautic.pdf.</u> It is the responsibility of the customer or user of our systems / products to comply with property rights as well as the applicable laws and other regulations. The customer or user should use the latest appropriate version of the product data sheet and the current version of the EU safety data sheet.	