

# ACRI 800 FINISH HS

(ACR 800 F HS)

## PRODUCT DESCRIPTION

**ACRI 800 FINISH HS** is an acrylic paint designed for use as a finish coat of which paint film is formed by evaporation of solvents. The coating has excellent adhesion property and weathering resistance, with superior gloss and color retention.

## PRODUCT INFORMATION

<b>Type</b>	Acrylic finish paint				
<b>Recommended Use</b>	Finishing coat on ship's topside, boot top, deck, superstructures				
<b>Type of binder</b>	Acrylic resin				
<b>Color</b>	White, As specified				
<b>Flash Point</b>	22.1 °C				
<b>Solids by Volume</b>	54% ± 2 (Test Method : ISO-3233)				
<b>VOC</b>	422 g/l (Method24), 441 g/l (Korea Clean Air Conservation Act)				
<b>Coverage(Theoretical)</b>	15.00 m <sup>2</sup> /l [0.065 l/m <sup>2</sup> ] at D.F.T 35 $\mu$ m				
<b>Wet Film Thickness</b>	56 - 74 $\mu$ m				
<b>Dry Film Thickness</b>	30 - 40 $\mu$ m				
<b>Drying Time</b> (at D.F.T. 35 $\mu$ m)	Temperature	5°C	10°C	20°C	30°C
	Set-to-touch	1 hr.	50 mins	30 mins	30 mins
	Hard Dry	6 hrs.	5 hrs.	4 hrs.	3.5 hrs.
<b>Painting Interval</b> (at D.F.T. 35 $\mu$ m)	Minimum	6 hrs.	5 hrs.	4 hrs.	3.5 hrs.
	Maximum	-	-	-	-
<b>Thinner</b>	RAVAX THINNER, CR/ACRI THINNER A, CR/ACRI THINNER C				
<b>Method of Application</b>	Airless spray, Brush, Roller				
<b>Condition of Application</b>	Temperature	: Minimum 0 °C			
	Humidity	: Maximum 85 % R.H.			
	For Airless spray ;				
	Tip No.	: GRACO 515, 615, 715			
	Paint output pressure	: 11.7 – 14.7 MPa			
	Viscosity	: 2dPa·s			
<b>Preferable Preceding Coats</b>	BANNOH series, BANNOH 1500 R Z, UMEGUARD SX Series, etc.				
<b>Preferable Subsequent Coats</b>	-				
<b>Packaging</b>	One pack product				

Notes :

1. Adequate ventilation must be maintained during application until it reaches hard dry in order to fully evaporate the solvents.
2. Do not add thinner exceeding maximum amount of VOC in each local regulation.
3. Control the wet film thickness within 200 $\mu$ m in a single coat to avoid unpredictable defects such as blistering, cracking and peeling.
4. Do not apply ACRI 700 FINISH ST on top of the ACRI 800 FINISH HS to avoid cracking.

**TECHNICAL DATA (at 35 $\mu$ m)**

Item		Temp (°C)									
		-5	0	5	10	15	20	25	30	35	40
<b>Set to touch</b>		2H	1.5H	1H	50m	45m	30m	30m	30m	20m	20m
<b>Dry to recoat</b>	<b>Min.</b>	18H	8H	6H	5H	5H	4H	4H	3.5H	3H	2.5H
	<b>Max.</b>	-	-	-	-	-	-	-	-	-	-
<b>Dry to hard</b>		18H	8H	6H	5H	5H	4H	4H	3.5H	3H	2.5H
<b>Dry to immerse</b>	<b>Body</b>	-	-	-	-	-	-	-	-	-	-
	<b>Touch-up</b>	-	-	-	-	-	-	-	-	-	-
<b>Dry to Touch-up</b>		18H	8H	6H	5H	5H	4H	4H	3.5H	3H	2.5H
<b>Pot life</b>		-	-	-	-	-	-	-	-	-	-
<b>Shelf life (M)</b>		18M	18M	18M	18M	18M	18M	18M	18M	18M	18M
<b>Max. heat resistance</b>		60°C									

Abbreviation ; Y : Year, M : Month, D : Day, H : Hour, m : Minute

**RECOMMENDABLE SURFACE PREPARATION**

All surfaces to be free from various contaminants (oil, grease, dust, spray dust and etc.) and keep surfaces dry. Kindly consult CSP sales office for specific information.

**SAFETY PRECAUTIONS**

In order to ensure safe use of our product, please be sure to follow the safety precautions indicated on the SDS and the paint container. If you need further explanation, do not hesitate to consult our personnel or our local distributors before buying, opening, using, or disposing the product. Since product contains flammable materials, keep away from sparks and open flame. No smoking should be permitted in the area on painting.

Wear an appropriate protector (eye and face protection, protective clothing, barrier creams, etc) when mixing, applying, or drying the paint. If products come into contact with the skin, wash thoroughly with warm water and soap or suitable cleaner. If the eyes is contaminated, irrigate with water and seek medical advice immediately.

**DISCLAIMER**

The information, including data, specifications, directions and recommendations, contained in this Data Sheet describes the experiment results under controlled or specially defined conditions and we do not guarantee that the Products, when used under the actual conditions of any intended use, will produce the same results. The performance of the Products in their actual use is affected by various factors, and the User must judge whether the Products are suitable for specific uses. We do not guarantee the performance of the Products under any specific operation environment other than the performance of the Products under the conditions described in this Data Sheet.

The content of this Data Sheet, which is intended for facilitation of the User's understanding and convenience of use of the Products, is subject to change at any time without prior notice. We use our best efforts to reflect the latest and most accurate information in this Data Sheet, but we will not bear any liability whatsoever relating thereto. The User must confirm that the Data Sheet is the latest version prior to using the Products.

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