

# 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

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Type	Acrylic finish paint				
Recommended Use	Finishing coat on ship's topside, boot top, deck, superstructures				
Type of binder	Acrylic resin				
Color	White, As specified				
Flash Point	22.1 °C				
Solids by Volume	54% ± 2 (Test Method : ISO-3233)				
VOC	422 g/l (Method24), 441 g/l (Korea Clean Air Conservation Act)				
Coverage(Theoretical)	15.00 m²/l [0.065 l/m²] at D.F.T 35µm				
Wet Film Thickness	56 - 74 µm				
Dry Film Thickness	30 - 40 µm				
Drying Time (at D.F.T. 35µm)	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.
Painting Interval (at D.F.T. 35µm)	Minimum	6 hrs.	5 hrs.	4 hrs.	3.5 hrs.
	Maximum	-	-	-	-
Thinner	RAVAX THINNER, CR/ACRI THINNER A, CR/ACRI THINNER C				
Method of Application	Airless spray, Brush, Roller				
Condition of Application	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			
Preferable Preceding Coats	BANNOH series, BANNOH 1500 R Z, UMEGUARD SX Series, etc.				
Preferable Subsequent Coats	-				
Packaging	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 200μm 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)**

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

We do not guarantee the performance or safety of the Products when used for a purpose or use other than what is described herein. Nor will we be liable for any explanation or guarantee provided by any distributor or sales agent with respect to the Products, other than what is described in this Data Sheet.

Furthermore, each of the Products described herein is composed of various chemical substances, some of which may contain toxic and/or harmful ingredients and may cause harmful results as a result of misuse or overuse of the Products. For specific causes of risk, conditions of use, harmfulness, etc. of each of the Products, please carefully read, prior to use of the Products, the MSDS (Material Safety Data Sheet) inserted in each of the Products. We will not be liable for any accident that may be caused in violation thereof.