



PRODUCT DATA SHEET

KOSACRYLIC FINISH ACY-Series

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Air Dry Acrylic Finish

PRODUCT DISCRIPTION

A very quick drying single pack full acrylic gloss finish, Pigmented with special selected pigments it provides excellent weather durability and also good resistance against acids and alkaline. This product is recommended for painting out-door steel structures where gloss and colour retension is required. It is suitable to overcoated on suitable range of primer such as Kosrapid Z/P primer or Kosrapid R/O Primer.

PHYSICAL PROPERTIES

Colour	: Wide colour range.
Texture	: Glossy
Specific Gravity	: 0.98 ~1.22 gm/cm ³
Volume Solids	: 45 ± 5%
VOC	: 500~600 gr/litre.
Touch Dry	: 10~15 minutes (at 30°C)
Hard Dry	: 30 minutes (at 30°C)
Flash Point	: >24°C
Recoating Time	: min. 12 hours, max. unlimited.

SURFACE PREPARATION

Steel & Wooden Substrates : All loosely attached paint layer must first be remove by paint remover; scrapping ; machanical grinding or sanding, removed oil ; greases; dirt and other contaminants prior to painting. Corroded and / or damaged areas should be repaired first with an appropriate filler and primer system.



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MIXING / APPLICATION DATA

Guiding data Airless Spray	: Pressure at nozzle : 120-150 bar. Nozzle size : 0.38-0.53mm. Spray angle 40-80 degrees. Volume of thinner required : 5 ~ 10%
Application by Air Spray (Conventional Spray)	: Pressure at nozzle : 3-5 bar. Nozzle size : 1.2-2.0mm Volume of thinner required : 15 ~ 20%
Application by Brush / Roller	: Suitable Volume of thinner required : 0 ~ 5%
Thinner / Cleaner	: Kossan Special thinner 6.01
Recommended wft	: 78 μ m
Recommended wft	: 35 μ m
No. of coat required	: 1 ~ 2 coats

CONDITIONS

Humidity : below 90% R.H.
Temperature of the paint before application : min.10°C, max. 40°C.
Substrate temperature min. 5°C, max. 45°C. The temperature of the substrate should be at least 3°C above the dew point of the air. Air temperature and relative humidity should be measured in the vicinity of the substrate.

THEORITICAL COVERAGE & PACKING SIZE

Coverage	: 12.86 m ² /litre per coat.
Packing Size	: 5 Litre & 20 Litre.

STORAGE

KOSACRYLIC FINISH ACY-Series have a minimum self-life of 12 months at cool and dry place.
Containers must be kept tightly closed.



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HEALTHY & SAFETY

Avoid skin and eyes contact by wearing suitable overalls, gloves, goggles, etc. Spillage on the skin should immediately be removed by thorough washing with water and soap. Eyes should be well flushed with water and medical attention sought immediately.

DISCLAIMER

The information in this data sheet is provided to the best of our knowledge. However, we have no control over either quality or condition of the substrate and other factor affecting the use and application of this product. Therefore, we cannot accept any liability whatsoever or howsoever arising from the performance of the product or for any loss or damage arising from the use of this product. We reserve the right to change the product data without notice.