



PRODUCT DATA SHEET

KOSACRYLIC FINISH ACY-12050

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Air DryLead-Free Acrylic Finish

PRODUCT DISCRIPTION

A very quick drying single pack lead and chromate free acrylic primer/finish, Pigmented with zinc phosphate and others non-toxic pigments for the protection of steel structures against corrosion in industrial and marine environments. The product offers good leveling properties, adhesion, hardness and well adhere on power tool prepared substrates, this product provides excellent acids and alkalis resistance too.

PHYSICAL PROPERTIES

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|------------------|-----------------------------------|
| Colour | : Red (RAL-3000) |
| Texture | : Semi-Gloss |
| Specific Gravity | : $1.02 \pm 0.02 \text{ gm/cm}^3$ |
| Volume Solids | : $35 \pm 3\%$ |
| VOC | : 709 gr/litre. |
| Touch Dry | : 3 ~ 5 minutes (at 30°C) |
| Hard Dry | : 20 minutes (at 30°C) |
| Flash Point | : >21°C |
| Recoating Time | : min. 12 hours, max. unlimited. |

SURFACE PREPARATION

- Steel : The surface must be dry and free from salts and other contaminants prior to overcoating.
Oil grease, wax should be removed by solvent cleaning according to SSPC-SP1.
Remove
weld spatter and smooth weld seams and sharp edges as applicable.
Abrasive blasting : Sa 2 – ISO 8501 : 1
Powertool cleaning : St. 2



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MIXING / APPLICATION DATA

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|--|---|
| 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 : 0 ~ 5% |
| Application by Air Spray (Conventional Spray) | : Pressure at nozzle : 3-4 bar. Nozzle size : 1.2-2.0mm Volume of thinner required : 10 ~ 15% |
| Application by Brush / Roller | : Suitable Volume of thinner required : 0 ~ 5% |
| Dipping Application | : Suitable Volume of thinner required : 8 to 1. |
| Thinner / Cleaner | : Kossan Special thinner 6.01 |
| Recommended wft | : 86 μm |
| Recommended dft | : 30 μm |
| 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°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

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|--------------|---|
| Coverage | : 11.67 m ² /litre per coat. |
| Packing Size | : 5 Litre & 20 Litre |



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STORAGE

KOSACRYLIC LF FINISH ACY-12050 have a minimum self-life of 12 months at cool and dry place. Containers must be kept tightly closed.

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.