

ACRYLIC 2K PRIMER

Product No. **PS1751**

Acrylic 2K Primer is an acrylic polyurethane resin and catalyst two component product. It is mainly developed to cater the needs of the construction, wood and metal coating industry as well as the Automobile industry. It has durable and good weather resistant pigments and the film has good toughness as well as flexibility. At the same time it brings about good adhesion to various top coats. Being, polyurethane based it is highly durable as a system and forms an integral part of the Ritver Polyurethane series.

USES

Substrates: Steel structures, metals, wood work, and various concrete surfaces.
Area of Use: Interiors & exterior

CHARACTERISTICS

Finish	: Matt
Colour	: White, Grey and Yellow.
Specific gravity	: Comp A: 1.5 ± 0.05, Comp B: 0.9 ± 0.005 (Mix App 1.45)
Mixed Solids (% by volume)	: 59 +/- 2
Mixing Ratio	: 9 : 1 (Component A: Component B vol / vol)
Pot Life	: App 3 – 4 hours (at 30°C).
Diluent	: Ritver Polyurethane Thinner
Flash point	: 27°C (mixed)

Spread Rate:

While the spread rate is directly dependant on the surface profile and also the type of undulations it has a thumb rule **Acrylic 2K Primer** would cover 12 to 14 sq. meters per lit.

Drying Time (30° C)	: Set to touch: 3 – 4 hours. : Ready for Recoat: app 6 - 8 hours. : Hard dry: overnight / 16 hours.
Recommended DFT	: App 40 – 50 mic per coat.

SURFACE PREPARATION

A good surface preparation and following the method statement / recommended system procedure of Ritver is an ideal recommendation for the application of **Acrylic 2K Primer**.

Exclusions for successful application include perpetually wet surfaces and also large cavities on wood, metal and concrete surfaces.

For Metals:

Achieve a good and clean surface by removing all contaminants by cleaning & drying. A rust free surface should be achieved by good sweep blast or a wire brush. In case of automobile substrates where a high degree of surface is to be maintained the use of **degreasing Solvent** is recommended. Then proceed with the recommended system.

For wood:

Substrates that are generally used are clear wood natural, veneered or lightly stained. It is advised to use **Acrylic2K Primer** after sanding with sanding paper about 120-150 type. Fill all the grains with a good liberal coat. Be sure that no sanding residues (or other) are present on substrate before applying the topcoat finish. In case of stains to be used do note the compatibility with stains.

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For Plaster, Masonry & Concrete:

Achieve a good and clean surface by removing all contaminants by cleaning & drying. A laitance free surface should be achieved by good sweep blast or a wire brush.

APPLICATION

Adequate ventilation is an ideal situation as it helps in drying and the good application itself. Avoid high humid conditions i.e., >95% when condensation is likely to interfere and also when the surface temperature is at least 3°C above dew point.

Application:

Mix thoroughly Component A and Component B in the specified ratio and add thinner as below. Apply as detailed above.

To be done by Airless spray 4-5 kg/cm² (1600-2100 psi). Nozzle size: 0.017-0.019 inches or conventional spray at 50 – 60 psi. It can even be done with a roller. It is generally recommended to give a mist coat followed by a full coat.

One can add **Ritver PU thinner** for achieving spray viscosity of app 17 – 18 secs on Ford cup 4 ASTM at 30 ° C and for ease of application.

Caution: Over diluting would result in a sag and run downs.

STORAGE

Under dry and cool condition, Storage stability can be sound up to 18 months in original sealed containers.

In no way should the component A & component B be mixed and kept.

HANDLING

Disposal: As per the guidance and legislations of the local Authority e.g., by controlled landfill. In case of doubt, consult local authority. Do not empty into drains, sewers or other water courses.

Flash Point: 27°C and contains organic solvent

FIRST AID

Eyes: In the event of accidental splashes, flush eyes with warm water immediately and obtain medical advice.

Skin: Wash skin thoroughly with soap and water or approved Industrial cleaner. DO NOT USE solvent or thinners.

Inhalation: Remove to fresh air, loosen collar and keep patient rested.

Ingestion: In case of accidental ingestion DO NOT INDUCE VOMITING. Obtain immediate medical attention.