



Top Prime MMA 2011

Product Description

Is a one-component, air-drying, dust-preventing, and impregnating, Methyl Methacrylate (MMA) based surface protection and primer resin that can be applied indoors and outdoors, on floor and wall surfaces. It has a quick drying time. (Average within 1 hour) It is very long lasting. It is very easy to apply. It is non-toxic. Since it penetrates to the pores of the surface, it stops the dusting that will occur inside the surface. It increases the appearance quality of the applied surface. It protects the applied surface very effectively, especially against atmospheric conditions, by preventing erosion (for example, UV rays, rain, etc.) by allowing the surface to breathe. It can be used vertically and horizontally on concrete, exposed concrete, brick, natural stone and mosaic surfaces. It does not form a film layer. It increases the appearance quality of the surface. It is also used as an undercoat in MMA-based construction chemical products applied to such surfaces.

Product uses:

Top Cryl MMA 5011 SL can be used in concrete, mosaic, asphalt, sheet metal, etc. in different thicknesses and motifs. It can be applied easily on surfaces. Since it has flexibility, the application is applied joint less and non-porous. Main areas of use:

- Industrial areas, workshops and warehouses
- Home, office and business centers.
- Airports, ports, shipyards.
- Military areas.
- As ship deck lining.
- Shopping centers and hospitals.
- TV studios.
- Vehicle service areas
- Conference halls, Exhibition centers, Showrooms.
- All kinds of sports field tribune, seating, spectator walking area, etc.
-

Distinctive Features and Advantages

- It is based on Methyl Methacrylate (MMA).
- non-toxic
- It has a quick drying time. (Average 1 hour)
- The place is ready to use 1 hour after application.
- It can be used easily indoors and outdoors. It protects the applied surface very effectively, especially against atmospheric conditions (For example, UV rays, rain, etc.). It is 100% resistant to atmospheric conditions.
- Since it penetrates to the pores of the surface, it cuts off the dusting that will occur inside the surface.
- Good chemical resistance
- It is applied from wall to wall joint less and non-porous.
- Increases the appearance quality of the surface it is applied to (Makes vivid colors appear and motifs come to the fore).
- It protects the applied surface very effectively, especially against atmospheric conditions, by preventing erosion (for example, UV rays, rain, etc.) by allowing the surface to breathe.



TECHNICAL PROPERTIES

<i>Shape:</i>	Liquid
<i>Color:</i>	Transparent
<i>Density:</i>	0.92 kg/liter
<i>Consumption:</i>	200-300 gr./m ²
<i>VOC Content:</i>	<50 g/L (if low-VOC)
<i>Adhesion Strength:</i>	>2.5 MPa (concrete failure).
<i>Minimum Application Ambient Temperature:</i>	-30 °C
<i>Moisture Sensitivity:</i>	No
<i>Drying Time:</i>	Touch: 10 min / Full Dry: 40 min
<i>Service Temperature:</i>	-40°C to 90°C
<i>Application Temperature:</i>	Between 5°C to 35°C

Application Details

<i>Application method:</i>	Brush / Roller / Airless spray
<i>Thinner:</i>	The product is ready to use

Surface Preparation:

Use a shot blaster or surface grinder to achieve a CSP of 2-3 (for non-porous substrates use a CSP of 3 at a minimum), ensure the surface is clean, dry, and free of all contaminants before you begin applying the system. Always honor moving joints and fill static joints as part of the preparation step.

PRECEDING COAT:

➤ None

Important Remarks:

- Surfaces must have enough structural strength.
- Concrete should have minimum of 25 N/mm² compression resistance and minimum 1, 5 N/mm² tensile strength.
- Applications below 10°C should be avoided.
- The surface should be protected from moisture and rain for 8-10 hours after application.
- All application tools and equipment should be cleaned with thinner immediately after the use. Cured material can only be removed mechanically.
- Use only where application and drying can proceed at temperatures above: 10°C/50°F. The temperature of paint itself should be 15°C/59°F or above. Apply only on a dry and clean surface with a Temperature above the dew point to avoid condensation. In confined spaces provide adequate ventilation during application and drying.



Shelf life & Storage:

12 months from date of production if stored properly in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5°C and +30°C.

Safety:

For information and precautions on the safe handling, transportation storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

Legal Notice:

The information presented herein is given in good faith but without warranty. It's based on our experience, indicates our laboratory work results and does not necessarily indicate final product performance. We cannot be held liable for the results obtained with our products and for any loss or accident that may result from its use. Our suggestions don't release you from the obligation to check their validity and to test our products for both your process and end use application. All our products are sold in accordance with our General Conditions of Sale. We don't make any warranty, express or implied, including but not limited to the merchant ability and fitness for a particular purpose.