



## ***Top Cryl MMA 5011 SL***

### **Product Description**

It is a methyl methacrylate (MMA) based, self-leveling floor covering used indoors and outdoors, which can be ready for use approximately 1 hour after the application. Minimum 2-3 mm. thickness applied. It is produced in various RAL colors. It has a quick drying time (Average 1 hour). It is very long lasting. It is applied from wall to wall joint less and non-porous. It is easily repaired. When renewal is required, it is not necessary to remove the old coating underneath. It stretches and works with the underlying surface.

### **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.
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### **Distinctive Features and Advantages**

- It is based on Methyl Methacrylate (MMA).
- It is produced in various RAL colors.
- It has a quick drying time. (Average 1 hour)
- It is very long service life.
- 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.
- Good scratch and wear resistance
- Good chemical resistance
- It is applied from wall to wall joint less and non-porous.
- It is easily repaired.
- When renewal is required, it is not necessary to remove the old coating at the bottom.
- It adhere and works with the underlying surface.



## TECHNICAL PROPERTIES

<i>Shape:</i>	Two component (A resin + B filler) and hardener.
<i>Color:</i>	RAL Color Card
<i>Density:</i>	1.8 kg/liter
<i>Spreading Rate:</i>	0.278 M <sup>2</sup> /kg
<i>Minimum Application Ambient Temperature:</i>	- 30 °C
<i>Moisture Sensitivity:</i>	No
<i>Compressive Strength:</i>	40-60 N/mm <sup>2</sup>
<i>Fracture Elasticity (%):</i>	5-10
<i>E-Module BM N/mm<sup>2</sup>:</i>	1000-2000
<i>Heat Form Endurance:</i>	78° C
<i>Coefficient of Thermal Expansion:</i>	63.10 –6 /°C
<i>Drying Time:</i>	1 hour (20°C)
<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>	Trowel
<i>Thinner:</i>	DO Not Thin

## 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:

➤Top Prime MMA 2011

## Important Remarks:

- Surfaces must have enough structural strength.
- Concrete should have minimum of 25 N/mm<sup>2</sup> compression resistance and minimum 1, 5 N/mm<sup>2</sup> 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:***

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