

KA&MELOCK MP 05 CC

Primer

DESCRIPTION

KA&MELOCK MP 05 CC is a flexible primer for coating bands which produced using KA&MELOCK MP 05 CC primer can be easily formed, perforated and cut. It is used in combination with KA&MELOCK bonding agents for coil coating applications.

KA&MELOCK MP 05 CC adheres well to properly prepared metals, such as aluminum, electrogalvanized steel and stainless steel. It provides excellent environmental resistance when used in combination with KA&MELOCK covercoat bonding agents

It is composed of a mixture of polymers, organic compounds and mineral fillers dissolved or dispersed in an organic solvent system

PREPARATION STAGES OF METAL SURFACES BEFORE APPLICATION

The metal surface must be completely cleaned before applying the adhesive. A good preparation of the metal surface is required to obtain a good metal/rubber bond and to be resistant to water and corrosion. The oxide layers on the metal surface should be mechanically cleaned. The metal surface is basically prepared by two methods.

Mechanical Cleaning:

Grit blasting is a recommended method of metal cleaning. Steel grit is used to blast clean steel, cast iron; for other nonferrous metals, the use of aluminum oxide is recommended.

Layover time between blasting and adhesive application should be kept to a minimum in order to avoid oxidation.

Chemical Cleaning:

The process of preparing the metal surface chemically requires a different application for each metal group. Phosphating is a widely used chemical process for steel. The process applied under the paint in the aluminum surface coating process is called chromate.

APPLICATION

Mixing – KA&MELOCK MP 05 CC should be stirred thoroughly before use and during using to keep dispersed solids uniformly suspended.

Applying - Brush, roller, dipping or spraying methods can be applied for KA&MELOCK MP 05 CC.

- Brushing/Roll Coating Apply full strength.
- Dipping / Spraying Undiluted or 50 % dilution with MIBK or MEK

Experience has shown the following thickness of Primer and Bonding Agent provide the best result:

Primer approx. 8 µm - 12 µm

Avoid applying thick coats which result in poor drying and may lead to film displacement during molding.

For coil coating application, a dry film thickness of 1-2 µm is recommended

Drying- The bond coating can be dried at least 60 minutes at room temperatures. By using hot air drying up to 90 °C.; the time can be shortened. When dry, KA&MELOCK MP 05 CC forms a grey film on the metal part, providing excellent corrosion protection.

Metal parts properly primed with KA&MELOCK MP 05 CC can be stored for several weeks in a clean environment.

Clean Up- Use MIBK or MEK for clean-up.

TECHNICAL DATA*

Colour	Grey Liquid
Viscosity 4 mm DIN-Cup	18—25 s
Viscosity,cps@25°C(77°F) Brookfield SNB1 Spindle 2, 30 rpm	50 -250 mPas
Density	0,98 – 1,03 g/cm ³
Solid Content	20- 24 % by weight
Solvents	Methyl Ethyl Ketone (MEK) , N-Butyl Acetate

*Data is typical and not to be used for specification purposes.

CAUTIONARY INFORMATION

Before using this product, please refer to the Safety Data Sheet for safe use and handling instructions.

SHELF LIFE / STORAGE

Keep the container tightly closed and away from heat sources. Maximum temperature storage is 25°C. Shelf life is one year from date of manufacture when stored below 25 °C, unopened container.

ADDITIONAL INFORMATION

For more information on this and other products, please contact us: info@wbkim.com.tr

The above information and recommendations contained are based on our knowledge and experience. Beyond our control due to different materials and conditions of application for our products, processes and applications will be used when appropriate in order to make sure that we strongly advise that adequate testing is performed.