



شرکت بازرگانی بسیار تجارت نوین اسپادانا



Rubber-to-Substrate Adhesives  
for the Industry

KA&MELOCK



## KA&MELOCK MP 05

### Universal Primer

#### Description

KA&MELOCK MP 05 is an universal primer for KA&MELOCK Bonding Agents, suitable for use with Bonding Agents KA&MELOCK KM 12, KA&MELOCK KM 14, KA&MELOCK KM 16 and KA&MELOCK KM 19.

KA&MELOCK MP 05 provides the elastomer / metal bonding with excellent protection against water, corrosion and generally, against hydrolytic effects.

In addition, it results in superior dynamic and temperature stability. (An added feature obtained with KA&MELOCK MP 05 is resistance to technical greases and oils).

Even in the case or of hard-to-bond substrates, use of KA&MELOCK MP 05 facilitates achievement of excellent bond.

KA&MELOCK MP 05 lends itself exceptionally well to the one-coat bonding of Nitrile Rubber (NBR), widely for gasketing.

#### Technical Data\*

<b>Composition</b>	Polymers and Fillers dispersed in Solvents
<b>Colour</b>	Grey
<b>Viscosity 4 mm DIN-Cup</b>	18 - 22 s
<b>Specific Gravity</b>	0,92 - 0,96 g/cm <sup>3</sup>
<b>Flashpoint</b>	18 °C
<b>Solid Content</b>	22 - 26 % by weight
<b>Shelf life</b>	24 months, in closed containers below 25 ° C.

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





## Application

A suitably prepared substrate surface to obtain a stable sealing performance in terms of elastomer has a fundamental importance. All oil, grease and other soluble contaminants, the cleaner should be cleaned by cleaning with solvents or alkaline. Rust, sediment, and other insoluble impurities to be removed by mechanical or chemical methods. Sand blasting is the most commonly used mechanical methods. After mechanical cleaning of grease and abrasion caused by longer to clear the dust is strongly recommended that a second degreasing step.

The KA&MELOCK MP 05 primer can be applied by brush, dipping or spraying.

For the recommended wet coating thickness of approximately 50 - 60  $\mu\text{m}$ , dry coating thickness of approximately 10 - 12  $\mu\text{m}$ . The following dilution is recommended:

<b>Brush</b>	Undiluted
<b>Dipping</b>	Undiluted or 20 % dilution with MIBK
<b>Spraying</b>	40 – 60 % dilution with MIBK

## Important

Undiluted KA&MELOCK MP 05 must be thoroughly stirred prior to application to assure homogeneity.

Diluted product must be stirred continuously to avoid sedimentation (separation).

When dry, KA&MELOCK MP 05 forms a grey film on the metal part, providing excellent corrosion protection.

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



## New Product

### KA&MELOCK KM 20 Universal Bonding Agent

#### Description

KA&MELOCK KM 20 is an universal Bonding Agent developed for high temperature resistance Rubber/Metal bonding. KA&MELOCK KM 20 by formulation does not contain lead compounds.

KA&MELOCK KM 20 bonds different rubber based on Polybutadiene (BR), Chloroprene Rubber (CR), Butyl (IIR), Polyisoprene (IR), Nitrile (NBR), Natural (NR) and Butadiene-Styrene Copolymer (SBR). With primer KA&MELOCK MP 05 give the bonding parts excellent corrosion temperature and glycol resistance.

The bonding system KA&MELOCK MP 05 + KA&MELOCK KM 20 give excellent result for high dynamical and high temperature stressed Rubber/Metal parts.

#### Technical Data\*

<b>Composition</b>	Polymers and Fillers dispersed in Solvents
<b>Colour</b>	Green - Black
<b>Viscosity 4 mm DIN-Cup</b>	45 - 70 s
<b>Specific Gravity</b>	0,95 – 1,01 g/cm <sup>3</sup>
<b>Flashpoint</b>	24 °C
<b>Solid Content</b>	22 – 27 % by weight
<b>Shelf life</b>	12 Months, in closed containers below 25 °C.

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

## *New Product*

### Application

KA&MELOCK KM 20 can be applied by brush, dipping or spraying.

For the recommended wet coating thickness of approximately 70 - 100  $\mu\text{m}$ , dry coating thickness of approximately 15  $\mu\text{m}$ .

The following dilution is recommended:

<b>Brush</b>	Undiluted
<b>Dipping</b>	Undiluted or 20 % dilution with Xylene
<b>Spraying</b>	40 - 60 % dilution with Xylene

### Important

Undiluted KA&MELOCK KM 20 must be thoroughly stirred prior to application to assure homogeneity.

Diluted product must be stirred continuously to avoid sedimentation (separation).

When dry, KA&MELOCK KM 20 forms a solid, dry, black film.

Coated parts can be stored for several weeks in a clean environment.





## شرکت بازرگانی بسیار تجارت نوین

نماینده فروش چسب های کاملاک شرکت KA&MELOCK

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