



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*

Composition	Polymers and Fillers dispersed in Solvents
Colour	Grey
Viscosity 4 mm DIN-Cup	18 - 22 s
Specific Gravity	0,92 - 0,96 g/cm ³
Flashpoint	18 °C
Solid Content	22 - 26 % by weight
Shelf life	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 μm , dry coating thickness of approximately 10 - 12 μm . The following dilution is recommended:

Brush	Undiluted
Dipping	Undiluted or 20 % dilution with MIBK
Spraying	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.



KA&MELOCK KM 16 Universal Bonding Agent

Description

KA&MELOCK KM 16 is a very universal Bonding Agent.

When a high degree of corrosion and dynamic resistance is required, however, it should be applied in combination with KA&MELOCK MP 05 primer.

Even coating application with KA&MELOCK KM 16 provides good corrosion, oil and solvent resistance, the additional application of KA&MELOCK KM 16 + KA&MELOCK MP 05 primer particularly enhances corrosion and temperature resistance.

KA&MELOCK KM 16 is suitable for bonding of Polybutadiene (BR), Polychloroprene (CR), Ethylene Propylene Rubber (EPDM), Butyl Rubber (IIR), Polyisoprene (IR), Nitrile Rubber (NBR), Natural Rubber (NR) and Styrene Butadiene (SBR) to metals and plastics.

The combination of KA&MELOCK MP 05 + KA&MELOCK KM 16 is ideally suited for soft NR and NBR compounds in TM and IM production.

Technical Data*

Composition	Polymers and Fillers dispersed in Solvents
Colour	Black - Green
Viscosity 4 mm DIN-Cup	80 - 120 s
Specific Gravity	0,96 – 1,04 g/cm ³
Flashpoint	27 °C
Solid Content	24 – 28 % by weight
Shelf life	12 months, in closed containers below 25 °C.

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



Application

KA&MELOCK KM 16 can be applied by brush, dipping or spraying.

For the recommended coating thickness of approximately 15 µm.

The following dilution is recommended:

Brush	Undiluted
Dipping	Undiluted or 20 % dilution with Xylene
Spraying	40 – 60 % dilution with Xylene

Important

Undiluted KA&MELOCK KM 16 must be thoroughly prior to application to assure homogeneity.

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

When dry, KA&MELOCK KM 16 forms a black - green film on the metal part, providing excellent corrosion protection.

Metal parts properly primed with KA&MELOCK KM 16 can be stored for several weeks in a clean environment.



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نماینده فروش چسب های کاملاک شرکت KA&MELOCK

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