



DATA SHEET



POLYURETHANE ENAMEL TWO COMPONENTS ACRI-KOLMAN MATE

FEATURES		COLORS	CONTAINER	PACKAGING
<ul style="list-style-type: none"> It is an enamel made of two component acrylic polyurethane resins catalysable with aliphatic isocyanates. By its nature, it is indicated for difficult adhesion supports, both outdoors and indoors. 		91-WHITE	750 ml	6+6 Uds. for 750 ml
			4 litre	4+4 Uds. for 4 litre
SURFACE	PREPARATION	DRYING	REPAINT	FINISH
ALUMINUM, STAINLESS STEEL, GALVANIZED, ETC	DOES NOT NEED	20-30 MIN	BEFORE 8 HOURS	SMOOTH brightness
THINNER	PERFORMANCE	DENSITY	WASHABILITY	SOLIDS CONTENT
UP TO 10% SOLVENT POLYURETHANE KOLMAN	10-15 m ²	1.34 g/cc		67%

TECHNICAL DATA

Viscosity Brookfield LTV, 20°C Sp-2

1.5 r.p.m.:3.000 cps.

Grinding fineness (microns):<10

Brightness a 60°: 9 %

Lattice cut adhesion (1 mm): Gt 0.

Maximum content. VOC: 495 g/l. EU limit value of the product(cat.A/i): 500 g/l (2010)

PROPERTIES

High quality enamel, with great color retention, high hardness and excellent mechanical and chemical resistance. It has direct adhesion on difficult supports such as galvanized, aluminum, brass, etc.

Possibility of making an extensive range of colors.

- Does not yellow.
- High hardness.
- Great elasticity.
- Direct adherence on difficult supports.
- High mechanical and chemical resistance.

INSTRUCTIONS

- Mix the two components and shake until complete homogenization. Ratio of the mixture: 4 parts of enamel for 1 part of catalyst.
- Open time of the mixture: from 2 to 6 hours, depending on the humidity and temperature.
- All surfaces to be applied must be clean and dry, free of dust and grease.
- It is recommended to apply by gun, adding from 5% to 10% of Kolman Polyurethane Solvent.

SURFACE PREPARATION

Mortars and concretes:

Unpainted Surfaces: Wait for 30 days for proper solidification, clean efflorescence, release agents, mold and moss, loose particles and dirt. Whenever necessary, open pore by sanding polished surfaces. Before applying the finish coat, it is recommended to seal with KOLMAN FIXING SEALER or KOLMAN ANTICARBONATING PRINT, as required.

Already painted surfaces: Remove any old or poorly adhered paint. If the surface does not have good adhesion, it should be sanded and primed if necessary. If there are molds or moss, they must be treated and eliminated. Check the compatibility of the support and existing paint with the new paint to be applied.

Plaster and gypsum:

Unpainted surfaces: Wait for 30 days for proper solidification/drying. Sanitize and clean the support, eliminating efflorescence and loose particles. Apply a sealant, fixative or anti-carbonation primer, if necessary. If the support is good enough, a first coat of the diluted finishing layer may suffice.

Already painted surfaces: Remove any old or poorly adhered paint. If the surface does not have good adhesion, it should be sanded and primed if necessary. If there are efflorescence, molds or moss, they must be treated and eliminated. Check the compatibility of the support and existing paint with the new paint to be applied.

Ferrous metal surfaces:

Unpainted surfaces: On iron or steel supports, sand and clean with a cloth moistened with solvent to remove oils and grease, as well as rust residues. Next, apply a layer of antioxidant primer, and finish with the chosen varnish, unless an antioxidant varnish is used and the primer is not necessary.

Already painted surfaces: Remove any old or poorly adhered paint. If old paint has been removed, proceed as on new surfaces. If it has not been removed, check the compatibility of the existing paint with the one to be used.

Non-ferrous surfaces with difficult adhesion:

Unpainted surfaces: For surfaces such as aluminum, stainless steel, brass, galvanized, PVC ..., in addition to cleaning with a cloth moistened with solvent to remove oils and greases, you must treat them with a specific primer (wash primer, multi-adherent primer, etc.) and then apply the chosen finishing product or use a multi-adherent finishing product or with direct adhesion on this type of supports. In case of rust spots, it is necessary to treat specifically with an antioxidant primer. Check the compatibility of the latter with the surface and apply the necessary layers of product.

Already painted surfaces: Remove any old or poorly adhered paint. If the surface does not have good adhesion, it must be sanded and primed if necessary. If rust is present, treat it and remove loose particles. Check the compatibility of the support and the existing paint with the paint to be used.

Wood:

Unpainted Surfaces: When treating the wood, make sure that it is dry enough, as excess moisture will cause adhesion flaws and/or coloring flaws when dyeing the wood since the pores are filled with water. The moisture content should not exceed 12% -15%, depending on the type of wood. For new woods, remove stains and dirt, let dry if wet and then sand. Apply a priming coat or sealer, sand and later apply at least two layers of finish (it is recommended to sand between each layer). It is important to take into account the direction of the grain, both when sanding and applying, which must be done in the same direction.

Already painted surfaces: On painted wood, if the paint is very deteriorated, the easiest is to strip and remove the old paint. If the old paint is in good condition, sanding the surface is enough. It is recommended to perform a test, applying the paint in a small area, to ensure that there is no incompatibility between the two painting systems and the paintings themselves (e.g. old solvent paint and new water paint or vice versa). It is recommended to sand between each layer.

Tiles:

Clean and degrease the surface to be painted, eliminating all dirt and grease, and apply a specific paint for tiles directly, without primer. Always perform an adhesion test to verify the compatibility of the support with the paint.

Other surfaces:

For other special surfaces, please check.

STORAGE

Protect the containers from extreme temperatures 0°C. / 40 °C.

Recommended storage time, no more than 2 years

ENVIRONMENT

Containers and waste must be disposed of according to current legislation. Do not throw waste into drains, consider possible reuse

SAFETY

Keep out of the reach of children.

Do not drink, eat, or smoke during application.

In case of contact with eyes, wash off with plenty of water.

For more information, please check the product safety data sheet.



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*Margin of numerical data: +-20%