



DATA SHEET



KOLMAN MULTI-WATER EPOXY ENAMEL

FEATURES		COLORS	CONTAINER	PACKAGING
<ul style="list-style-type: none"> It is a two component paint made from epoxy resins to water, which has a high anticorrosion power, high hardness and chemical resistance, as well as excellent adhesion on ferrous and nonferrous metals and on concrete. 		TONALITY ON ORDER	Plastic cubes with pre-set dosages	According to cubes
SURFACE	PREPARATION	DRYING	REPAINT	FINISH
METALLIC	CLEAN AND DEGREASING	2-3 HOURS	8-24 HOURS	SMOOTH MATT
THINNER	PERFORMANCE	DENSITY	WASHABILITY	SOLIDS CONTENT
WATER	4-5 m ²	1.40 g/cc		63%

TECHNICAL DATA

Viscosity Brookfield LTV, 20 ° C Sp-4 6 r.p.m. : 3,000 cps

Grinding fineness (microns): 20

Mixing time:: 2.5 to 3 hours

Total hardening: 2 to 3 days

Approximate coating thickness (microns): 40

Max. In VOC: 120 g / l. Value limit of the product EU (cat.A / j): 140 g / l (2010)

PROPERTIES

It is a multi-adherent water epoxy enamel suitable for application on metal or concrete surfaces, where it is desired to apply a product to high performance water.

Presents a rapid development of its properties:

- Anticorrosive power.
- Excellent adhesion.
- High mechanical and chemical resistance.
- High hardness.
- High flexibility.

INSTRUCTIONS

- Shake the product well and mix with its corresponding hardener. The proportion of the blend is 5 parts by weight of the epoxy paint per 1 part by weight of the hardener. Shake the mixture well.
- Life of the mixture: from 2.5 to 3 hours. Do not use the mixture past this time as it loses properties.
- Can be applied by brush, roller or projection equipment.
- For optimum adhesion it is essential that all surfaces to be applied are perfectly clean (free of dust, grease, old paint residue, etc.) and dry.
- Used tools will be cleaned immediately after use with water.

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.



Ambikol :

Products under the Integral System of Quality, Environment and Prevention, ISO 9001 and ISO 14001.



Kolman Integral:

Suitable products for use in the Kolman Water Integral Tintometric System.



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*Margin of numerical data: +-20%