



## DATA SHEET



# KOLMAN SYNTHETIC ENAMEL

FEATURES		COLORS	CONTAINER	PACKAGING
<ul style="list-style-type: none"> <li>Solvent based enamel made with special alkyd resins.</li> <li>Suitable for the conservation of all types of exterior and interior surfaces.</li> </ul>		COMPLETE CHART OF COLOURS	125 ml	10 units for 125 ml
			375 ml	8 units for 375 ml
			750 ml	6 units for 750 ml
			4 liters	4 units for 4 liters
SURFACE	PREPARATION	DRYING	REPAINT	FINISH
OUTDOORS-INDOORS	PRIMER KOLMAN	2-4 HOURS	24-36 HOURS	SMOOTH GLOSSY
THINNER	PERFORMANCE	DENSITY	WASHABILITY	SOLIDS CONTENT
DO NOT THIN	10-12 m <sup>2</sup>	1.18 g/cc		53%

## TECHNICAL CHARACTERISTICS

- Maximum Content COV: 298 g/l .Product Limit Value UE (cat.A/d): 300 g/l (2010)
- Brookfield Viscosity LTV, 20°C sp-2 1.5 r.p.m. : 1.400 cps
- Fineness of grinding (microns) : <10
- Brightness at 20° > 78%

## PROPERTIES

- Suitable for decoration and protection of wood, irons and other materials.
- Suitable for exteriors such as doors, machine windows, furniture, fences, etc.
- Excellent gloss.
- Great whiteness.
- Good hiding power.
- High washability.
- Easy application. High resistance to outside.
- Full color chart.
- Finish: matt, satin and gloss.
- This product is included in the system KOLSYSTEM.

## INSTRUCTIONS

- All surfaces to be applied must be clean, dry and sanitized. On old surfaces should be checked for adhesion before applying paint, eliminating any surface that is not in perfect condition.
- Remove the enamel thoroughly. When treating metal surfaces, it must be degreased and primed in advance.
- On metal surfaces it is necessary to prime with products suitable for them. We have a wide range of primers.
- This enamel is made with thixotropic properties that allows it to be used undiluted.
- Can be applied by brush and roller.

## 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 2010:

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



### Kolsystem:

Suitable products for use in the Kolsystem Universal Tintometric System.



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\*Margin of numerical data: +-20%