



DATA SHEET



KOLMAN ANTICONDENSING THERMO-ACOUSTIC INSULATION PAINT

FEATURES		COLORS	CONTAINER	PACKAGING
<ul style="list-style-type: none"> Paint with a hollow glass micro-orb base, with thermally and acoustically insulating, as well as anti-condensation properties. Ideal for finishing of outdoor and indoor surfaces where improved thermal insulation, prevention of condensation and noise-reduction are required. 		01-WHITE	750 ml	6 units for 750ml
			4l	4 units for 4l
			12 liters	1 unit for 12 liters
SURFACE	PREPARATION	DRYING	REPAINT	FINISH
OUTDOORS-INDOORS	KOLMAN ANTICARBONATION	2 HOURS	12 HOURS	WHITE MATE, TEXTURIZED
THINNER	PERFORMANCE	DENSITY	WASHABILITY	SOLIDS CONTENT
5%-10% WATER	2-4 m ²	0.93 g/cc	TYPE II CLASS 1	71%

TECHNICAL DATA

Viscosity Brookfield LTV, 20 ° C sp-4 12 r.p.m. : 26,500 cps

Washability device s / pvc: 5,000 p.d. (Dried 7 days): no breakage

Max content in VOC: 10 g / l.v. EU limit of the product (cat.A / c): 40 g / l (2010)

PROPERTIES

- Thermally insulating both outdoor and indoor.
- Anti-condensation.
- Noise reduction.
- Protected from the onset of mold.
- Highly washable.
- Great flexibility.
- High degree of whiteness.
- Easy to apply.
- High degree of coverage.
- Flame-retardant.
- Low VOC content.

INSTRUCTIONS

- All surfaces due for painting must be clean, dry and sanitised. On older surfaces the adherence must be checked before application, removing any surface area that is not in perfect condition.
- In cases of powdery or very absorbent surfaces, it is advised to first apply a layer of Kolman Anti-Carbonation Primer.
- Apply a first layer of thermally and acoustically insulating anti-condensation paint, diluting it if needed with 5-10% of water and stirring the paint gradually.
- It is recommended to apply a thickness of 300 to 400 microns at the very least (2 or 3 layers).
- Do not apply or store in extreme temperatures, nor in the summer time with direct sunlight exposure.
- It may be applied by brush and by 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.



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*Margin of numerical data: +-20%