

# HYGIENIC PAINT

## Ionizing epoxy coating

Technical Data Sheet May 2016

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- PRESENTATION** **HYGIENIC PAINT** is a bi-component epoxy coating, designed to get in contact with food. In its formulation, it contains **Ecotor Marine B**, which gives the flooring an ionizing and easy-cleaning power.
- FEATURES** **HYGIENIC PAINT** has been created for application in business, hospital, industrial and food sectors, where aesthetic qualities, high mechanical strengths, and ionization of surface areas are needed. The absence of surface porosity makes it easier to wash and clean.  
**HYGIENIC PAINT** allows realizing floorings with a thickness between 0.2 and 1 mm. The product consists of fluid epoxy resins exempt from solvents. The flooring obtained shows high resistance to mechanical stress and chemical aggressors. Besides, the ionizing component creates an easy-cleaning function.
- USE** **HYGIENIC PAINT** is recommended for those sectors that require high aesthetic qualities, such as business centers, shops, and offices, and for industrial sectors where high mechanical strength and the best chemical characteristics (shops, offices, commercial centers, dairies, meat shops, pharmaceutical industries, hospitals, laboratories, cellars, canteens, and garages) are needed. To meet these specific needs of the abovementioned sectors, **HYGIENIC PAINT** must be catalyzed only with its specific hardener (Comp. B) in the indicated percentage.
- APPLICATION**
- a) Check that the base is not humid and that it does not exude any water owing to capillarity from underlying layers. Otherwise, proceed to create a steam barrier. Eliminate those parts which are not well anchored and all traces of oil and fats.
  - b) Apply a coat of **Hygienic Primer** for **HYGIENIC PAINT** (COMP. A + B).
  - c) Preparation: mix COMP.A + COMP.B of **HYGIENIC PAINT** as indicated.
  - d) Any joints should be maintained after inserting an elastic joint.

	Data	Method	
<b>TECHNICAL DATA</b>	<b>Composition comp. A:</b>	epoxy-resins and inorganic pigments	
	<b>Composition comp. B:</b>	Aliphatic amines	
<b>HYGIENIC PAINT</b>	<b>Mixing ratio:</b>	A/B = 4/1	
	<b>Viscosity:</b>	Thixotropic	
	<b>Specific gravity:</b>	1800 +/- 50 g/dm <sup>3</sup>	IST. 10.06
	<b>Solvents:</b>	Absent	
	<b>Standard colour:</b>	White and pearl grey, RAL to concord	

<b>Ionizing additive</b>	<b>Composition:</b>	Elbaitte type B	
<b>ECOTOR MARINE B</b>	<b>Colour:</b>	White	Visual
	<b>State:</b>	Powder	Visual
	<b>Solubility:</b>	Insoluble	IST. 10.21

**STORAGE AND VALIDITY**

**HYGIENIC PAINT** (both comp. A and comp. B) shy away from the cold. Preserve the packages at a temperature between 10°C and 40°C for a period not exceeding one year.

**PACKAGING**

Component A 4 - 16 kg cans  
Component B 1 - 4 kg cans

The specifications stated in this report have been got either through standardized tests and rules or their modifications following NCT systems. The methods applied can be requested to our technical service.

All the data stated in this technical sheet are based on our knowledge and experience. However, before using the item differently from indicated, it is advisable to carry out preventive tests. In any case, NCT does not assume any responsibility for any damage or defect caused by the use of our products, as the employment conditions are not under our control. We also inform that our technical service is at our customers' disposal for any information concerning the correct employment of our products

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