

HYGIENIC PRIMER

Ionizing epoxy primer

Technical Data Sheet May 2014

- PRESENTATION** **HYGIENIC PRIMER** is a bi-component epoxy-resin with special additives in nano and microparticles, which give the primer ionizing and self-cleaning effects.
- FEATURES**
- HYGIENIC PRIMER** has been created in order to prepare floorings to the application of **Hygienic Paint** or **Hygienic PAV** and **PAV AU** in commercial sectors, hospitals, industrial and food sectors, meat processing places, cheese dairies, etc.
- HYGIENIC PRIMER** is used to prepare the surfaces to the treatment of the epoxy coating and floorings of the **Hygienic** line, in order to obtain the best adhesion between the two layers.
- Moreover, when used for floorings, it waterproofs and blocks eventual water infiltrations which could compromise the adhesion of the epoxy mortar.
- For vertical treatment before the application of **Hygienic Paint**, **HYGIENIC PRIMER** can be reinforced with 0.1 mm quartz according to the ratio 1/2 - 1/3, and then applied by roller.
- As for treatment before the application of **Hygienic PAV** and **PAV AU**, **HYGIENIC PRIMER** can be reinforced with 0.3 mm quartz according to the ratio 1/2 - 1/3 and then applied by roller. Otherwise, while still fresh, 0.3 mm quartz can be spread on it to remove its surplus.
- APPLICATION**
- a) Eliminate those parts which are not well anchored and all traces of oil and fats.
 - b) Check the support is flat and horizontal.
 - c) Check that the base is not humid and that it does not exude any water due to capillarity from underlying layers. Otherwise, apply a coat of **HYGIENIC PRIMER**, check there is no water infiltration, and remove the surplus quartz as soon as you can walk on the surface.
 - d) If the surface is wet, apply a coat of **HYGIENIC PRIMER** with or without quartz, and follow the abovementioned indications.
 - e) **Mix of HYGIENIC PRIMER: carefully mix 10 part of COMP. A with 5 parts of COMP. B.** If you want to use quartz too, carefully mix it before application.
 - f) Any joints should be treated with **HYGIENIC PRIMER** to improve the adhesion of the elastic joint.

	Data	Method	
TECHNICAL DATA	Composition:	Epoxy-resin	
	State:	Fluid liquid	Visual
	Colour:	Straw-yellow	Visual
	Specific gravity:	1.15 ± 0.05 kg/dm ³	IST. 10.06
	Viscosity at 25°C:	550 ± 150 cps	IST. 10.30
	Pot-life at 20 °C:	40 min.	
	Tack time at 20°C:	2 hours	
	Can be painted over at 20°C after:	Min. 8 hours – max. 20 hours	
	Temperature of application:	Min. + 7 – max. + 30°C	
	Mixing ratio A : B:	(A) 100 : (B) 50	
	Solvents:	Absent	

STORAGE AND VALIDITY

HYGIENIC PRIMER (both comp. A and comp. B) shy away from the cold. Preserve the packages at a temperature between 10°C and 50°C for a period not exceeding one year.

PRECAUTIONS

Before using the product, read carefully the security data sheets of both components (**HYGIENIC PRIMER Comp. A** and **HYGIENIC PRIMER Comp. B**). If both products meet the skin, wash with lots of water and soap. In case of a persistent skin rash, consult a doctor. If the product meets the eyes, take contact lens away. Wash immediately with lots of water for at least 30/60 minutes while opening the eyelids. Consult a doctor.

PACKAGING

HYGIENIC PRIMER Comp. A 10 kg can.
HYGIENIC PRIMER Comp. B 5 kg can.
 Spheroidal quartz 0.1 – 0.3 mm 25 kg bag.

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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