

# HYGIENIC PAV AU

## Self-levelling and ionizing epoxy flooring

Technical Data Sheet May 2014

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- PRESENTATION** **HYGIENIC PAV AU** is a tri-component self-leveling epoxy flooring, with special additives in nano and microparticles, which give the primer ionizing and self-cleaning effects.
- FEATURES** **HYGIENIC PAV AU** has been created for application in business, hospital, industrial and food sectors, where aesthetic qualities and high mechanical strength of surface areas are needed. The absence of surface porosity makes it easier to wash and clean.  
**HYGIENIC PAV AU** allows realizing floorings with a thickness between 1.0 and 3.0 mm. The product consists of fluid epoxy resins exempt from solvents. The flooring obtained shows high resistances to mechanical stress and chemical aggressors. Besides, the ionizing component creates an easy-cleaning function.
- USE** **HYGIENIC PAV AU** 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 are needed (shops, offices, commercial centers, dairies, meat shops, pharmaceutical industries, hospitals, laboratories, cellars, canteens, and garages).
- APPLICATION**
- a) Eliminate those parts that 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 owing to capillarity from underlying layers. Otherwise, apply a coat of **Hygienic Primer**, check there is no water infiltration, and spread on the surface 0.3 mm quartz. 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, spread the surface with 0.3 mm quartz, and follow the abovementioned indications.
  - e) **Preparation of HYGIENIC PAV AU: carefully mix 25 parts of Comp. A with 8 parts of Comp. B, then add 25 parts of perfectly dry 0.3 mm quartz. When the mix is homogeneous, pour the mixture taking into account the slope.**
  - f) Any construction joints should be maintained after inserting an elastic joint.

	Data	Method	
<b>TECHNICAL DATA</b>	<b>Composition:</b>	Epoxy-resin	
	<b>State:</b>	Fluid liquid	Visual
	<b>Colour:</b>	RAL	Visual
	<b>Density (A+B):</b>	1.250 ± 0.05 kg/dm <sup>3</sup>	IST. 10.06
	<b>Specific gravity (A+B+C):</b>	1.700 ± 0.05 kg/dm <sup>3</sup>	IST. 10.06
	<b>Pot-life at 20 °C:</b>	30 – 35 min.	
	<b>Tensile modulus (DBV):</b>	6700 kg/cm <sup>2</sup>	
	<b>Elongation at break:</b>	1.5 – 1.7 %	
	<b>Temperature of application:</b>	Min. + 7 – max. + 30°C	
	<b>Mixing ratio A + B + C:</b>	(A) 25 : (B) 8 : (C) 25	
	<b>Solvents:</b>	Absent	

**STORAGE AND VALIDITY**

**HYGIENIC PAV AU** (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 1 year.

**PRECAUTIONS**

Before using the product, read carefully the security data sheets of both components (**HYGIENIC PAV AU** Comp. A and **HYGIENIC PAV AU** Comp. B). If the 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 lenses away. Wash immediately with lots of water for at least 30/60 minutes opening the eyelids. Consult a doctor.

**PACKAGING**

**HYGIENIC PAV AU** Comp. A 5 - 25 kg can.  
**HYGIENIC PAV AU** Comp. B 1,6 - 8 kg can.  
 Spheroidal quartz 0.1 – 0.3 mm 5 - 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