



# SCHEDA TECNICA - DATA SHEET

## NUNIPUR 7031

### GENERALITIES

One component polyurethane water based dispersion. This product has been specifically studied for bonding PVC and synthetic papers foils with chipboard and MDF.

### APPLICATIONS

This water dispersion is characterised by high viscosity and good thixotropy which allow to obtain good performances of the product on high pressure plants. Gluing is achieved by thermo-reactivation with membrane presses (3D).

### CHARACTERISTICS

FORM	milky white, blue liquid	
VISCOSITY Brookfield at 23°C s2/20rpm	1100 - 1900	mPa·s
MINIMUM FILM-FORMING TEMPERATURE	+5	°C
THERMO-REACTIVATION TEMPERATURE	60 - 80	°C
HEAT RESISTANCE (*)	70 - 90	°C

(\*) Approximate values, heat resistance is markedly influenced by PVC type ad production process.

### FOR BEST RESULTS

WOOD, ROOM AND GLUE TEMPERATURE	18 - 22	°C
RELATIVE HUMIDITY	65 - 75	%
COATING <sup>1</sup>	30 - 120	g/m <sup>2</sup>
PRESSURE <sup>1</sup>	5 - 15	kg/cm <sup>2</sup>
PRESSING TIME <sup>1</sup>	1 - 3	min

<sup>1</sup> conditions vary as a function of combination of these three, with the type of press, temperature and PVC.

### GLUE APPLICATION

By spraying with 1 - 1.5 mm nozzle.

**WARNING: do not use iron materials.**

Clean glue applicators and equipment with hot water.

### PACKAGING

Plastic-bucket of 25 kg; tanks of 1000 kg.

### STORAGE

Shelf life: 3 months at 20°C in original closed packages.

To store the product at temperature lower than 10°C and higher than 30°C may cause an alteration of it.

**ONCE FROZEN THE PRODUCT IS COMPLETELY DAMAGED.**

The above data are the results of our experiences and they have to be considered as suggestions, due to the variety of the working conditions.

*Date: December 2013;*

*version n° 01*

- THIS TECHNICAL SHEET HAS NOT TO BE CONSIDERED AS A PRODUCT SPECIFICATION -