

# PROTOVIL R201

**Polyvinylacetate water-based adhesive of high performances, suitable for bonding soft and hard-woods with themselves and with laminates. It is characterized by high bonding strength and quick setting. It is suitable both for cold and hot presses.**

## CHARACTERISTICS

### Sales specification:

Viscosity at 20°C (UNI EN 12092) 22.000 ± 4.000 mPa s

### Other technical characteristics \*:

Base	Waterborne polyvinylacetate polymers
Colour	White; transparent when filmed
Minimum film forming temperature	> +4°C
Open time (20° C , 55 % r.h.)	Approx. 8' - 10'
Processing time after bonding (20° C, 55 % r.h.)	Approx. 30'
Density at 20°C	1.1 ± 0.1 g/ml
Final curing time	12 hours
Adhesive quantity	120 g/m <sup>2</sup> to 180 g/m <sup>2</sup>
Room and material temperatures	≥ 20°C
Pressure	3 - 5 kg/cm <sup>2</sup>
Applicator	Roller coaters
Cleaning	Hot water
Storage	in dry and cool room, in the original sealed packaging. Keep at temperature higher than 5°C
Shelf life	12 months from the date of production, at 20°C
Packaging	Buckets, tanks

*\*no sales specifications*

## RECOMMENDATIONS

PROTOVIL R201 must be evenly applied on a clean surface, free from dust, grease or oil. The quantity of glue depends on the materials and on the surfaces to be bonded. Uneven thicknesses can affect the recommended glue quantity.

The bonding must be carried out within the open time. The open time depends on the glue quantity, the temperature, the type and the quality of the material to be joined.

The parts to be glued must be perfectly matching and smooth. To ensure a correct bonding, parts must be kept under pressure until a certain strength is developed.

Close the containers of the glue after the use.

These suggestions must be followed to avoid possible bonding failures.

**For all matters not covered in this Technical Sheet, refer to our General Sales Conditions and to the advice of our Technical Sales Dept. .**

COLLANTI CONCORDE acts under the ISO 9001 system.

Materials and application conditions affect the final performances of our products.

Preliminary trials are therefore recommended.

Issuing date: January 2019.

Material Safety Data Sheet available.

*All information and recommendations in this bulletin are based upon practical experience and they don't exempt our customers to make tests when they receive the goods. We can bring changes to our characteristic details of our products in according with the technical and productive development. All information in this bulletin request some tests, because there are many details which are not verifiable during the working from us, particularly when you use raw materials of other suppliers. Our suggestions don't exempt you to check and in any case to resolve the problem when there is a possible violation of patents of other suppliers.*