

## LABITEX UV 9 MAT

### Product description:

Clear acrylate UV varnish with a matte effect. One-component product, ready to use. It is applied by roller machines of all types on surfaces previously primed with transparent UV primers. It is used as a top coat for flat elements of furniture for indoor use. The cured varnish layer is characterized by increased hardness and good resistance to chips and scratches.

### Physical characteristics:

Viscosity at 20°C: 120±15 B3-4  
Specific gravity at 20°C: 1,15±0,1  
Solid content: 100%

### Application:

Machine mode:	According to the instructions for the car; all components of the machine, including shafts and hoses, must be adapted to work with UV polymerization materials. Before use, the varnish should be mixed.
Viscosity:	As in delivery. The viscosity of UV materials is highly temperature dependent. Before starting work, it is necessary to bring the UV materials to operating temperature (18-22°C) and maintain for 3-4 hours. Stir thoroughly before use. It is possible to heat the varnish in order to lower the viscosity and improve spreading (do not heat the varnish above 40°C). In some cases (for example, when applied by roller machines with a laser notch), it is possible to dilute with a special thinner.
Polimerization:	Tunnel drying of high-power UV lamps. For one lamp 80 W/cm ( $\lambda = 360$ nm), the conveyor speed is not more than 4-5 m/min.
Varnish consumption:	Repeated application of varnish layer to layer is not allowed! The application volume is 15-20 g/m <sup>2</sup> .
In case of varnishing:	-painted surfaces with a high content of wax or silicone additives; -water and oil varnishes that are not special primers; - Laminated with hydrophobic non-absorbent plastics surfaces may cause problems with adhesion and wetting of the varnished material.
Manipulations with varnished surfaces:	Work with varnished surfaces can be carried out 30 minutes after applying varnish. The final properties (strength, adhesion and matte effect) acquire the varnish film after ripening within 12-16 hours.
Storage:	When air temperature changes, the viscosity of UV varnishes changes dramatically; in order to avoid problems in work, we recommend storing UV varnishes at a temperature of 18-22°C. Shelf life: 6 months in sealed packaging.
Special precautions:	Avoid any contact of the varnish with the skin. All work carried out in a ventilated room.

**STIR WELL BEFORE USE!**

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