
Labitex UV 353

Product description:

UV curing coating to protect steel surfaces from rusting during storage and sea shipment. It has a high curing rate and adhesion to metal. Does not contain organic solvents. Designed for spray application. It can be used on Venjakob UV machines for application to steel pipes.

Physical characteristics: Viscosity at 20^oC (120±12) DIN-4 Flash point >100^oC Solid content 100%

Application:

According to the instructions for the equipment; 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:

According to the instructions for the equipment. The varnish is heated to a temperature of 55-70 ° C to reduce the viscosity, sufficient for spraying.

Equipment Cleaning:

solvent UV-48 or alcohol.

Polymerization:

Tunnel 1 UV lamp with a power of 180-200 W/cm at a conveyor speed of not more than 30 m/min.

Varnish layer thickness: 15-30 microns.

Substrate: Steel without applied primer. Grinding or another method of cleaning the surface improves the quality of the coating.

Note: To achieve maximum protective properties, the varnish must be completely cured.

Storage:

When air temperature changes, the viscosity of UV varnishes changes dramatically; in order to avoid problems in operation, we recommend storing UV varnishes at a temperature of 18-22^oC; Shelf life: 6 months or more in sealed packaging. Avoid direct sunlight.

Special precautions:

When working, any contact of the varnish with the skin should be avoided. All work should be carried out in a ventilated room.