



PRIMER AND PORE FILLING, BASE HANG VERNIS V4

V4 varnish is a polyurethane resin monocomponent, its hardening in thin films occurs due to the effect of humidity.

PHYSICAL CHARACTERISTICS

Aspect: Yellow brown liquid
Viscosity (20°C): About 100 CP
Dry matter: 49 % +/- 2 %
Density: 1.06
Flash point: 55°C
Consumption: 0.1 – 0.2 kg/m² depending on the type of surface

APPLICATION

V4 application is by brush or spray (wear mask). Layer should not be thicker than 250 mils to obtain a good curing.

On porous support, it is advisable to extend the V4 to the first layer.

Successive layers should be applied as soon as the layer setup does nab more surface. Now depends on the temperature and humidity and can vary from 2 to 4 hours.

V4 cure thoroughly. Tack is 2 or 4 hours after application. The resulting film is distinctive for its high impact resistance and flexural strength and the stripe.

Weather resistance is good i.e: the surface is very bright but has a tougher time.

Adhesion to wood, concrete and polyester is perfect as long as these materials are extremely dry, well scoured..

It is advisable to make the surface slightly porous.

Adhesion on metal and glass is less.

Resistance to various chemical products (acid, different solutions, water, oil) at room temperature is a very good, provided the final cure is reached (at least 7 days at 20°C).

When applied, it should take the usual precautions for products containing solvents. It will therefore ensure good ventilation.

IMPLEMENTATION IN VARIOUS APPLICATIONS

- **Base laminating adhesive:** The V4 by his good hooking power and its power and its power of penetration is used as a primer to the laminate of polyester and fibreglass on wood or masonry. The support to be treated must be dry, free grease and clean. Particles of dissociated matter must be removed (brushing). The V4 is implemented as described above and after about thirty minutes, you can start the recovery by polyester and fibreglass.

- **Formation of slip surfaces:** V4 is applied as described above and are sown in sand or corundum still wet on the V4. After curing, using a broom is removed the parts that have not adhered and covered everything with a new layer for fixing V4

- **Blocking moisture or pore filling:** Support to be treated must be dry, clean and degreased. Particles of dissociated matter must be removed (brushing). In case of concrete, one must check that there is sufficient porosity, otherwise it will create mechanically or chemically (roughened with an abrasive disc or switch surfaces in hydrochloric acid).

The application is by brush, roller. As the support 2 or 3 layers may be necessary observe a time of 2 to 4 hours between coats.

Soil temperature and ambient air must not drop below 10°C.

PACKING AND STORAGE

6 months in dry. Conservation must be done in a cool, dry and in closed containers. V4 reacts to the humidity.

HEALTH AND SAFETY

See data sheet

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