

„PolyPrimer“

Processing and handling of the special primer for plastics without pretreatment

(e.g. PP,PVC,EPP, PP-EPDM etc.)

The single-component special primer is for use on solvent resistant plastics, do not use on PE.

The surfaces must be clean, dry and free from grease. **A conventional pre-treatment such as tempering, flaming, sanding or priming isn't necessary!**

The PolyPrimer is characterized by its excellent bonding on non-pretreated, nonpolar, solvent resistant plastics which can be over lacquered with commercially available base coats as well as 1K and 2K lacquering systems.

For the lacquering of plastics we recommend:	
Cleaning of the plastic surfaces	<ul style="list-style-type: none"> • The plastic surface that is to be primed must be cleaned with a suitable plastic cleaner. • The surface must be free from dirt, grease and dust, then let to flash off for 3 minutes. We advise not to use silicone remover, if it is unavoidable, then the time to flash off should be increased to 5 minutes at a temperature of 20°C (68°F). Otherwise problems with the bonding may occur.
Thinner and viscosity	<ul style="list-style-type: none"> • 2:1 in the volume of the PolyPrimer thinner • 16-25 s / DIN 4mm / 20°C (68°F)
Primer	<ul style="list-style-type: none"> • Nozzle width 1,2-1,3 mm (HVLP 1,3-1,4 mm) • Spray pressure 2-4 bar (HVLP 0,8-1.2 bar) • Dry layer thickness 20-40 µm (according to requirements) – with structured surfaces you must reach a minimum dry layer thickness of 20 µm, above the rough surface. • The theoretical efficiency is 17 m² / kg / 20 µm
Drying and overlacquering	<ul style="list-style-type: none"> • After 15 minutes of flashing off at a temperature of 20°C (68°F) the primer can be over lacquered with base coats which contain water or contain solvents, such as 1K- or 2K- top-coat lacquers. • The primed plastic surface may, after a few days of storage, also be processed without being sanded back.