

Technical specifications

Product:

AQUA SLIPCOAT 506

(Water based, semi-permanent Release agent)

Typical Properties	
Appearance & Odor	Opaque liquid with bland odor
Carrier	Blend of water & Synthetic polymers
Flash Point (C.C)	None
Coverage	Approx. 5 ml./m2
Cure Requirement	Ambient or heat



USP:

- ✓ ENVIRONMENTALLY SAFE
- ✓ No solvents or alcohol
- ✓ No CFC's, VOC's, or ODC's
- ✓ Fast cure
- ✓ Non-flammable
- ✓ No freight restrictions
- ✓ Thermal Stability to 155 C.
- ✓ Medium High Gloss
- ✓ High Slip/lubricity
- ✓ Easy recoat/touch-up
- ✓ No odor

Release agent:

- Aqua Slipcoat 506 does not contain aromatic-hydrocarbons or toxic solvents.
- Water based, micro polymer resin.
- The product spread a uniform coat on the surface (according to application Guidelines)
- The release agent withstand a working temperature: **≤ 155 °C**
- Relative Humidity (according to Production Guidelines): **20-70 %**
- Surrounding temperature (according to Production Guidelines): **18-35 °C**
- Recommended mould temperature: **<40 °C**
- Shelf life: **18 months after date of production.**
- Weight: **1,0 kg/l ±0,1 (at 25°C= 77°F)**
- Application method (wipe-on/wipe-off): **Mop, Cloth or Spray**
- Curing time (ref.: Surrounding temperature): **Min. 15 minutes**
- Number of pull offs before touch up: **Multiple releases** – but number of pull-offs will depend on design of mould, surface quality, laminate, choice of rawmaterials, prod.methods, environment etc.

The following figures are measured on polyester gelcoat tooling at 25°C and 30% relative humidity:

- Maximum gloss after application: **45 - 60 GU @ 60° angle**
- Surface tension (optimal): **30 dynes·cm⁻¹**