

Technical specifications

Product:

SEALPROOF

(Waterbased sealer)



Typical Properties	
Appearance & Odor	Opaque liquid with bland odor
Carrier	water & non-ionic emulsifiers
Flash Point (C.C)	None
Coverage per liter	Approx. 130 m2
Cure Requirement	Ambient or heat

USP:

- ✓ ENVIRONMENTALLY SAFE
- ✓ No solvents or alcohol
- ✓ No CFC's, VOC's, or ODC's
- ✓ Non-flammable
- ✓ protects the surface of the mould from styrene emission and abrasion
- ✓ Same application methods and curing times as release agents
- ✓ Thermal Stability
- ✓ Retains mould detail and finish!
- ✓ overcomes micro-porosity in mould surfaces
- ✓ restores a uniform surface when used over a mould repair or patch
- ✓ Eliminates the break-in time for new moulds and/or tools by fast curing at room-temperature! - no post-curing!

SEALER:

- Water based, micro polymer resin.
- The product spread a uniform film on the surface (according to application Guidelines)
- The Sealer withstand a working temperature: **≤ 340 °C**
- Relative Humidity (according to Production Guidelines): **20-70 %**
- Surrounding temperature (according to Production Guidelines): **18-24 °C**
- Application method (wipe-on/wipe off) or spray: **Mop, Cloth or Spray-equipment**
- Time between application of each layer of sealer: **min. 60 min.**
- Durable on low gloss epoxy surface: **Yes!**
- Curing time (ref.: Surrounding temperature): **Ambient: 12 hours in 20 °C**
Heat: 4 hours in 50-70 °C
- Release function to some extend for extra protection **Yes!**
- Number of pull offs before re-application: **Multiple pull-offs** –depending on mechanical breakdown during production cycles.

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

- Maximum gloss after application: 25 - 30 GU @ 60° angle
- Surface tension (optimal): 50 dynes·cm⁻¹

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