

# Technical specifications

Product:

## Sealer GP

(SOLVENT BASED SEALER)



Typical Properties	
Appearance & Odor	Thin, clear, liquid, with characteristic solvent odor
Carrier	Aromatic Naphthas
Flash Point (C.C)	37°C
Coverage per liter	Approx. 130 m <sup>2</sup>
Cure Requirement	Ambient
Cure mechanism	Chemical cross-linking, and bonding following solvent evaporation and reaction with atmospheric moisture

### USP:

- ✓ Restore vacuum integrity
- ✓ Can be used with all release agents
- ✓ No transfer
- ✓ No build-up
- ✓ 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!
- ✓ Moisture cured.

### SEALER:

- Solvent based, micro polymer resin.
- The product spread a uniform film on the surface (according to application Guidelines)
- The Sealer withstand a working temperature: **≤ 480 °C**
- Relative Humidity (according to Production Guidelines): **20-70 %**
- Surrounding temperature (according to Production Guidelines): **18-24 °C**
- Application method (wipe-on/wipe off): **Mop or Cloth**
- Time between application of each layer of sealer: **min. 15 min.**
- Durable on low gloss epoxy surface: **Yes!**
- Curing time (ref.: Surrounding temperature): **Min. 30 minutes after final coat**
- 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: **45 - 60 GU @ 60° angle**
- Surface tension (optimal): **30 dynes·cm<sup>-1</sup>**

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