

## Sika® Release LG

### Semipermanent release agent, free of silicones and halogenes

#### Areas of Application

- Sika® Release LG is designed to release all types epoxy, phenolic, polyester (GRP) or vinyl ester resins from composite, steel or aluminum moulds

#### Product Benefits

- Easy, fast application
- High slip, easy release
- Minimal mould build-up
- No shaking or mixing required
- Durable, provides multiple releases per application

#### Description

- Basis      Advanced polymeric resin in a non-chlorinated organic solvent blend, clear, low viscous

#### Processing Data

Density	g/ml	0.73
Consumption, average	m <sup>2</sup> /l	90
Flash point	°C	< 21

#### Packaging

Individual components      **Sika® Release LG**      1 litre net

#### Processing

- The material temperature must be 18 - 25°C.
- Mould cleaning and release agent application should be performed in a well ventilated area.
- The mould surfaces must be clean, dry, free of dust and grease before release. Laquer and sealer coatings should be dried resp. cured.
- For cleaning from wax residues we recommend Sika® Mold Cleaner.
- Method of application:
  1. Apply Sika® Release LG to clean, dry cotton cloth.
  2. Wipe wet cloth over mould surface covering an area of approximately 0.5m<sup>2</sup>. Vigorous rubbing or polishing is not required.
  3. Repeat steps 1 and 2 on the adjacent area, frequently reapplying the product to the cloth. Ensure a good overlap with the previous area to provide complete coverage.
  4. Repeat until mould is completely coated.
  5. When dry, allow a further 15 minutes between coats for the film to cure.
  6. Repeat steps 1-5 above for a further 3 coats (4 in total).
  7. When dry, allow final film to cure for at least 30 minutes at room temperature before moulding. Allowing a longer cure or heat curing (e.g. 15 min at 60°C) will improve film durability.



## Storage

- Minimum shelf life is 12 month under room condition (18 - 25°C), when stored in original un-opened containers.
- Containers must be closed water tight immediately after use and prevented from moisture. The residual material has to be used up as soon as possible, because the polymeric resin in Sika® Mold Sealer reacts with moisture.

## Health and Safety Information

For information and advice on the safe handling and storage of products, users should refer to the current Safety Data Sheet containing physical, ecological, toxicological and other safety related data.

## Disposal considerations

Product Recommendations: Must be disposed of in a special waste disposal unit in accordance with the corresponding regulations.

Packaging Recommendations: Completely emptied packagings can be given for recycling. Packaging that cannot be cleaned should be disposed of as product waste.

## Value Bases

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

## Legal Notice

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.



**SCABRO**  
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