

Sika® Separol GL-145

Vegetable mould release agent in the Green Line product range

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| Description | <p>Sika® Separol GL-145 is an emulsion based vegetable oil intended for concrete mold.</p> <p>The oil is included in the GREEN LINE range, which means that it is vegetable based and free from solvents and mineral oil and is biodegradable.</p> |
| Usage | <p>Sika® Separol GL-145 can be used both for prefabricated and cast concrete. The product is specially designed for:</p> <ul style="list-style-type: none"> ■ Smooth non-absorbent (non-absorbent) mold ■ Absorbent form ■ Tempered form (up to +60 °C) ■ Reduced corrosion in steel molds <p>Sika® Separol GL-145 is also suitable for rough molding surfaces.</p> |
| Properties/Benefits | <p>Sika® Separol GL-145 has the following characteristics / benefits:</p> <ul style="list-style-type: none"> ■ User-friendly, ready-to-use emulsion ■ Excellent adhesion to vertical shape surfaces ■ Self-leveling after spray application ■ Highly pore eliminating ■ No flammable vapor, solvent free ■ Does not form a resin ■ Reduced amount of dust residues in the mold surfaces ■ Safe for operating personnel to handle <p>This brings the following benefits:</p> <ul style="list-style-type: none"> ■ Easy and good demolding ■ High-quality surface finish ■ No reduction of concrete quality at the surface ■ Initial components protect from corrosion and thus abnormal wear |
| Technical Data | |
| Colour | Milky like easy flowing liquid |
| Density | 0.97 kg/liter (at 20°C) |
| Base | Vegetable oil, emulsion |
| Application temperature | Minimum +5°C och maximum +60°C |
| Consumption | Sika® Separol GL-145, depending on application conditions and type of mold, can provide up to 70 m ² / liter (non-absorbent material such as steel or plastic) |
| Environment | Biological degradable (OECD 301 B) |
| Packaging | Can 5 L, can 20 L, drum 210 L, and IBC 1000 L. |
| Storage time | Minimum of 9 months from delivery (tanker truck 16 months). Stored in closed storage tanks in a non-freezing environment. Avoid direct sun light, extreme temperature variations and contamination. |
| Dangerous substances | None, see separate safety data sheet. |



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| Dosage | <ul style="list-style-type: none">■ Sika® Separol GL-145 should be stirred before use. The product is ready to use and should not be mixed with other products!■ The mold must be clean and dry. Concrete residues and rust should be removed prior to application.■ Sika® Separol GL-145 is applied in thin layers with fine white-spotted appearance throughout the mold surface (a further application may be required on very high absorbent molding material).■ A spray gun with a pressure of 3-4 bar and a round spray nozzle is recommended. Nozzle TG-0.7.■ With a fine, fine white-spotted appearance throughout the form area, no further treatment is recommended eg. wiping.■ After application, allow the product to evaporate for about 20 minutes at 20°C. The surface is then ready to be used for casting.■ The surface should not be tread at before the surface has become transparent.■ Pre-selection is recommended for optimization of each individual project |
| Validity | All technical data presented in this product data sheet are based on laboratory tests. Actual measured values may vary due to circumstances other than our control. |
| Health & Environment | For information and advice on safe handling, storage and disposal of chemical products, users are referred to the product safety data sheet containing physical, ecological, toxicological and other safety-related data. |
| Regulations | 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 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 proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users should always refer to the most recent issue of the Technical Data Sheet for the product concerned, copies of which will be supplied on request. www.sika.se . |



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