

Release Agent MK-7107/1

Description:

Release Agent MK-7107/1 is a water-based release agent concentrate, forming a coherent release film on the mould. Though this film is micro-thin, it is very resistant after cure, even to abrasive materials. Release Agent MK-7107/1 contains slip additives, resulting in extremely smooth surfaces and therefore reducing the friction between elastomer and mould surface considerably. Release Agent MK-7107/1 develops a strong chemical bonding to most mould materials, thus provides multiple releases per application. Build-up on the moulds, caused by depositions of pigments, anti-aging agents, resin residues etc. are reduced considerably. A build-up caused by Release Agent MK-7107/1 is unlikely, if it is used as directed.

Application Fields:

Release Agent MK-7107/1 is suited as a release agent for the processing of all rubber types and EVA compounds.

Application:

Release Agent MK-7107/1 can be diluted up to 1:50 with water. The use demineralized water is highly recommended. Begin by thoroughly cleaning the mould. We recommend using a fast-evaporating solvent, to ensure having eliminated all grease- or wax residues. As a priming coat, 1-2 thin uniform layers of the release agent are applied to the hot mould. Longer drying time and higher temperature will result in an improved durability and an increased number of possible releases per application. After this pre-treatment, the processing can be started. To refresh the release film, it is sufficient to reapply one single, thin coat of Release Agent MK-7107/1, considering the drying time.

Technical Data:

Composition:	aqueous emulsion of synthetic resins, solvent-free
Appearance:	white liquide
Density [g/cm³]:	approx. 1
pH-value (20°C):	> 8

Packaging:

Can	30 kg
Drum	200 kg

Storage:

Release Agent MK-7107/1 should be stored in tightly sealed containers and has to be protected from frost, heat and direct sunlight. If these rules are obeyed, the product can be stored for at least 6 months. The expiry date is stated beneath the production date on the labels of each container.

Information for regulations on safety and transportation are provided in the safety data sheet

Further information:

Product technical information and data is based on the best information available and does not constitute or imply a warranty or patent infringement of any kind. The user is responsible for testing product suitability prior to use in production.

Page: 1 of 1
Revision: 26.06.2009 HW/ts
Print: 27.05.2010