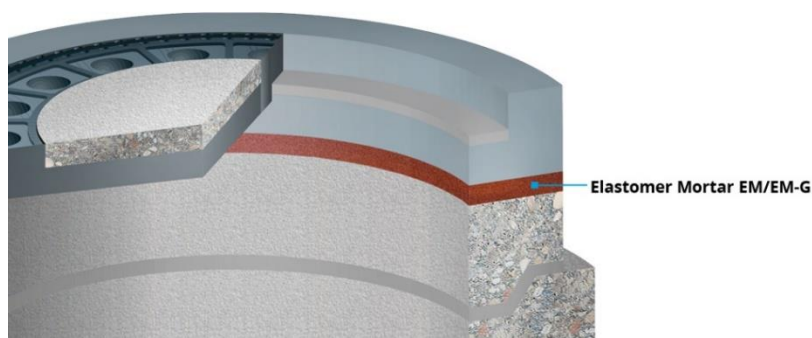


LIQUITOL[®]-EM/-EM-G



Product Information



Special Advantages:

- ⊕ Permanently elastic.
- ✓ Vibration damping.
- ✓ For highest levels of static and dynamic loads.
- ✓ High resistance against frost and deicing salt.
- ⌚ Quick reopening to traffic possible.
- ✓ The material can be delivered as a pourable version (**EM-G**) or as a spatula version (**EM**).

Two-component durable and permanently elastic plastic mortar for dynamically-loaded joints.

DEKOTEC GmbH stands for experience, quality and reliability in the field of corrosion prevention and sealing technology. The success is based on the development of the Petrolatum-Tape which was already developed in 1927 as the first product worldwide for passive corrosion prevention of pipelines. We establish and guarantee the highest quality standards with technically trend-setting products. Research, development and production take place exclusively in Germany. Our employees are continuously implementing safe and individual solutions in a personal cooperation with the customer.

Product Description

LIQUITOL[®]-EM consists of a two-component polyurethane-based material with a filler content. The material can be delivered as a pourable version (**EM-G**) or as a spatula version (**EM**).

The elastomer mortar is highly stable after it hardens and permanently elastic. Official testing by independent testing laboratories have proven the excellent material properties of **LIQUITOL[®]-EM**.

Dynamic fatigue loading was examined during the tests, among other things. **LIQUITOL[®]-EM** was, compared to mineral-based mortars, still in a perfect condition even after over 150,000 load cycles.

Product Usage

LIQUITOL[®]-EM is used for joints on components which are subject to high levels of dynamic and static loading.

A usage example is its use as a joint mortar in manhole construction in heavily loaded roads, particularly with truck traffic.

Due to its elasticity, **LIQUITOL[®]-EM** is noise and vibration dampening.

Typical Product Properties (at +21 °C / +69,8 °F)

Technical data	Unit	Value
Pot life (temperature-dependent)	Minuten	ca. 15
Density	g/cm ³	ca. 1,10
Shore hardness A	-	ca. 60 - 80
Load capacity after installation*	Stunden	ca. 1
Volume change during freeze-thaw cycles	%	< 2

*Hardening to the point where it can be loaded is highly temperature-dependent and it can take longer at lower temperatures!

Product Application

Prepare the substrate

Coat the dry and clean substrate with **LIQUITOL®-E Primer E** and allow it to dry. The primer is required for example if a liquid-tight connection is required between the elastomer mortar and the contact surfaces. Before applying the support ring, or similar, the spacer must be installed as the mortar cannot bear a load initially. The spacer must be as elastic as the mortar, otherwise it must be removed later. The cavities left in this case must also be closed with the elastomer mortar.



+5°C (+41°F). Pour the complete contents of the component B into the component A container and mix the combined components together thoroughly with an electric stirrer (e.g. drill with mixing blade Collomix WK 70) with at least 500 rpm. The stirring time for the small containers is at least 3 minutes, for the large containers,

at least 4 minutes.

Use a trowel, or similar, to work the elastomer mortar quickly, for the free-flowing material, pour it in place. Before casting, place a separating film made from PE or similar between the mortar and the formwork. The processing device should then either be immediately cleaned with acetone, or mechanically cleaned once the material has hardened.

At room temperature (approx. +23 °C/ +73.4 °F) sufficient hardness will have been achieved after an hour so that the traffic can normally then be released. At lower temperatures, the material takes longer to harden.

Processing the LIQUITOL®-EM

The outside temperature and the temperature of the components must be above

Ordering Information and Packaging

LIQUITOL®-EM/EM-G is delivered in separate containers of component A and component B.

The contents of the container corresponds to the suitable mixing ratio for components A and B.

The colour is red (with black pigmentation).

Product name	Container size	Article no.	Package units
LIQUITOL®-EM	2,44 kg (A+B)		Box (255x220x190) (60 boxes/pallet)
LIQUITOL®-EM	7,30 kg (A+B)		Loose pack (42 packs/pallet)
LIQUITOL®-EM-G (pourable)	2,57 kg (A+B)		Box (255x220x190) (45 boxes/pallet)
LIQUITOL®-EM -G (pourable)	5,1 kg (A+B)		Loose pack
LIQUITOL®-E Primer	1,0 Liter		

Storage

Tightly sealed in its original container. Avoid heating above +40 °C (+104 °F) and the effects of frost.

Store containers in a well ventilated space and prevent the material from entering the ground. Under these conditions,

LIQUITOL®-EM/-EM-G can be stored for at least 12 months from the date of manufacture.

DEKOTEC GmbH

Felderstrasse 24 | 51371 Leverkusen | Germany
Phone: +49 214 2602-0 | info@dekotec.com
www.dekotec.com

Our product information, application recommendations and other printed publications provide advice to the best of our knowledge and indicate our level of knowledge at the time of printing. The content is not legally binding. Therefore, no liability is assumed for incorrect and missing advice. The applicator is obliged to check the suitability and possibility of application for the intended purpose. Unless otherwise specified, all of the brands named are trademarks, at least registered in Germany, which are protected by law.

Only our general terms and conditions of sale, which you will find at www.dekotec.com, apply. This is a translation from the original German product information. In case of any discrepancy or any dispute arising on the interpretation, the German text of the respective German product information, shall be decisive. The legal relationship shall be governed by German law.

03.2023