

### Special Advantages:

- ⬆️ Permanently elastic.
- ✓ Can be worked quickly and easily.
- ✓ Reduces noise.
- ✓ Traffic flow restored quickly.

## A manually applied, permanently elastic, vibration and noise dampening embedding compound for manhole covers and similar applications.

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<sup>®</sup>-KU consists of a pourable, two-component polyurethane-based system that cures into an elastic material.

The filling compound has short-term resistance to diesel fuel, and is also frost- and road salt-resistant.

## Product Usage

LIQUITOL<sup>®</sup>-KU is used as a elastic and vibration-damping embedding compound

for road manhole covers, where it has a noise-reducing effects.

## Typical Material Properties

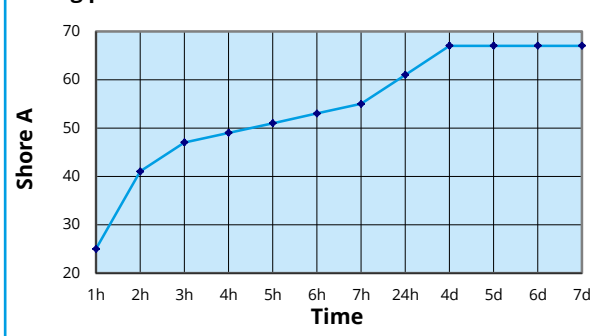
LIQUITOL<sup>®</sup>-KU is a two-component, polyurethane synthetic that cures into an elastic material. The material is characterized by the following properties:

- Vibration-reducing
- Chemically and mechanically resistant
- Permanently elastic
- Long-term resistance at temperatures from -20 °C to +70 °C (+68 °F to +158 °F)
- Resistant to water, saline solution (10%), sodium hydroxide solution (5%) and engine oil (SAE 10 W 40)

## Typical Material Parameters

Pot life	4 min. (approx.)	
Density (cured)	0.73 kg/l (approx.)	
Shore hardness A	65 ± 5	DIN 53 505
Tensile strength	3.5 N/mm <sup>2</sup> (approx.)	DIN 53 455
Elongation after fracture	200% (approx.)	DIN 53 544
Rebound elasticity	40% (approx.)	DIN 53 512

Curing process at 23 °C



## Product Application

### Preparing the subsurface

Sand, dust, oil, petrol and other loose particles must be removed from the surface.

- Clean the support rim to remove heavy soiling.
- As a final step, dry the cleaned area using a gas torch (e.g.).
- Remove any rust from the surface of the support rim with a steel brush and then wipe dry.
- Prime the support area and inner rim with **LIQUITOL®-E Primer** and leave to air dry (approx. 5-10 minutes).
- On the inside rim of the cover support, apply TOK®-Band SK 25 x 8 mm with approximately 3-4 mm protrusion.

### Mixing the material

- Mixing ratio  
A : B = 100 : 24 (weight),  
A : B = 100 : 13 (volume).

- Stir component A well before working, then add component B.
- Now mix both components together well (approx. 60 seconds) using the stirrer provided.

The material's pot life is about 4 minutes at +23 °C (+73.4 °F); the material is load-bearing after 24 hours.

The pot life will be shorter for higher temperatures.

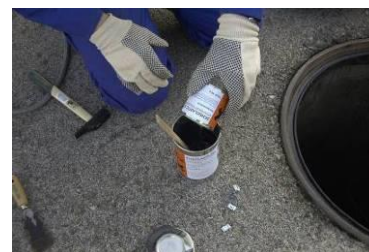
### Product application

- After mixing, the compound is distributed evenly onto the support rim.
- Depending on the weather and the temperature, wait approx. 10 to 20 min. until the compound has dried but has not yet cured (finger test).
- We recommend sprinkling the surface with talcum powder to help prevent the cover sticking to the manhole ring. Lay the manhole cover into position

and drive over to press into place.

Take care to ensure the correct timing between applying the compound and placing the cover to achieve the desired effect.

- For subsequent maintenance work, the street surface and cover should be marked (e.g. with chalk) before removing the manhole cover, so as to ensure a perfect fit when replacing the cover.



## Ordering Information and Packaging

**LIQUITOL®-KU** is supplied as a packaging unit set 0.33 l (A + B).

Each box includes 4 containers and 4 stirring rods.

Other sizes are available on request. Colour is grey-black.

Product name	Container size	Order number	Packaging units
LIQUITOL®-KU	Set 0.33 kg (A+B)	on enquiry	4 sets/box (75 boxes/pallet = 300 sets)

## Storage

Store the closed container at room temperature in a dry and frost-free place.

Under these conditions, the material can be stored for at least 12 months from the date of manufacture.

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