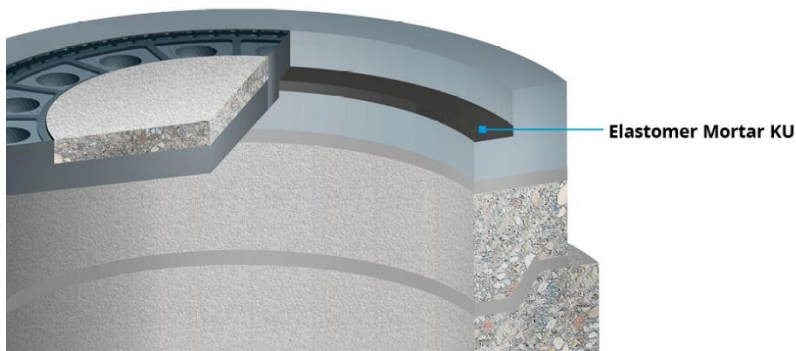


DENSOLASTIC®-KU



Product Information



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.

For a century now, DENSO Group Germany represents experience, quality and reliability for corrosion prevention and sealing technology. The success of the internationally leading corporation is based on the development of the "DENSO-Tape", which was already patented in 1927 as the first product worldwide for the passive corrosion prevention of pipelines. Since then, the DENSO Group Germany establishes and guarantees the highest quality standards with technically trend-setting products. Research, development and production take place exclusively in Germany. Our employees continuously implement safe and individual solutions in a personal cooperation with the customer.

Product Description

DENSOLASTIC®-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

DENSOLASTIC®-KU is used as an elastic and vibration-dampening embedding compound

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

Typical Material Properties

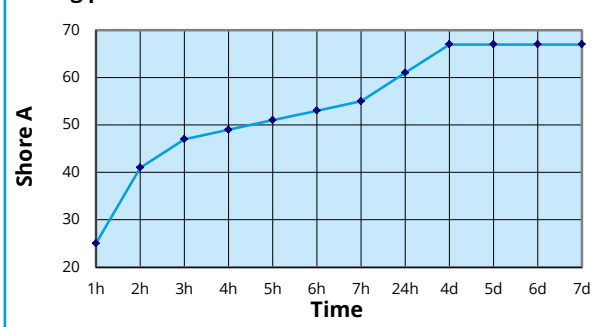
DENSOLASTIC®-KU is a two-component, polyurethane synthetic that cures into an elastic material. The material is characterized by the following properties:

- 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 ² (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 **DENSOLASTIC®-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.

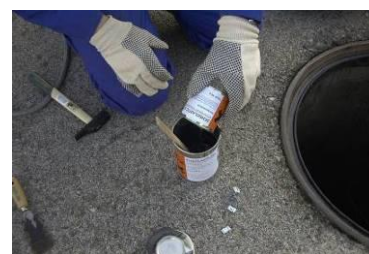
Product application

- 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

DENSOLASTIC®-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 |
|-----------------|-------------------|--------------|---|
| DENSOLASTIC®-KU | Set 0.33 kg (A+B) | 102 01 271 | 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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