

Instructions for use

KEMDERDUR LASI

Step-by-step guide to creating
a cargo-security finish

Certified by
 **DEKRA**
DIN EN 12195-1

1. Substrate pre-treatment

Substrates must be dry, firm, free from contaminants that may hinder adhesion and must be prepared accordingly.

Initially use a broom or an industrial vacuum cleaner to clean the surface being coated.

Use the **KEMCO MEK cleaning agent** to remove any soiling, e.g. grease and oil, from the surface.

Light soiling, such as abrasion dust, can then be removed using a floor wiper and clear water. Make sure the surface is completely dry before commencing application.

Note: Use on damp surfaces shortens the application time significantly!



2. Measuring and masking

Apply masking tape to all the surfaces and moving parts that are not to be coated (e.g. screw connections, tie-down rings, brackets and edges).

Subsequently measure and mark out the surface being coated. A 4.5 kg container is sufficient to coat an area measuring 9 m².



3. Application of KEMPERDUR LASI Basic coating

Prepare the work place by covering it sufficiently with plastic sheeting or cardboard. Now thoroughly mix the **two components A and B of the KEMPERDUR LASI Basic coating**.

Mixing procedure: Add component B to the container of component A and then use a wooden stirring stick to empty the container of component B fully. Use a slow-running mixing device to mix both components thoroughly.

To avoid any mixing errors, transfer the pre-mixed material to a separate pail and mix again thoroughly.

Now use a nylon roller to apply the liquid coating evenly in a criss-cross fashion.



First lengthwise, then crosswise and then lengthwise again without picking up any more material.

Please observe the specified 30-minute application time, the application temperature and the curing period.



4. Special KEMPERDUR LASI Filler

After 2 to 3 m², scatter the special **KEMPERDUR LASI Filler** into the still wet coating to create a grain-to-grain, non-slip surface. One 25 kg bag of filler is required per 9 m² of coated surface.

Note: The special filler should be fully visible and must not sink into the coating. If gaps appear in the special filler, re-scatter filler immediately.

Please note that the still wet coating can only be walked on with appropriate spiked shoes, even when scattered with filler.

Remove all the masking tape after coating. Allow the coated and scattered surface to cure for at least 2 hours before applying the finish coating.



5. Measuring and masking

Proceed as described in step 2. Note: A 4.5 kg container of finish coating is sufficient to coat an area measuring 6 m². Use a broom to sweep the dry surface and to remove any loose stones.



6. Final coating with KEMPERDUR LASI Finish

Now thoroughly mix the **two components A and B of the KEMPERDUR LASI Finish coating**.

Mixing procedure: Now thoroughly mix the two components in the same manner as the KEMPERDUR LASI Basic coating.

Again use a nylon roller to apply the liquid coating evenly in a criss-cross fashion on the cured and scattered surface and subsequently remove the masking tape from the edges and bolts.



Always allow the sealed surface to cure for roughly **12 hours**. After just **24 hours**, the coating can withstand a full workload and the loading platform can be used again fully.

During transport, storage and processing, it is essential that you observe the safety instructions specified on the container label, the safety data sheet and our technical data sheet.



Note: Personal protective equipment

Always wear suitable protective gloves, overalls and goggles during processing and application.

Required tools

Substrate preparation

- Broom
- Industrial vacuum cleaner
- KEMPERTEC MEK cleaning agent
- Nitrile chemical resistant gloves
- Protective goggles
- Protective workwear

Coating and sealing the loading platform

- Mixing device with spiral agitator
- Empty container for mixing
- Industrial vacuum cleaner
- Masking tape
- Nylon roller with extension
- Paint brush
- Cleaning cloths
- Nitrile chemical resistant gloves
- Protective goggles
- Protective overalls
- Spiked shoes

Required quantities

KEMPERDUR LASI Basic coating:

mixture of component A and B: approx. 0.4 - 0.5 kg/m²

Special KEMPERDUR LASI Filler F0510:

approx. 3 kg/m²

Special KEMPERDUR LASI Filler R1020:

approx. 2.5 kg/m²

KEMPERDUR LASI Finish coating:

mixture of component A and B: approx. 0.7 kg/m²

To guarantee the required quantity (comp. A + comp. B = 4.5 kg = approx. 10 m²), the surface being coated should be measured and marked out with masking tape around the edges.

After 2 to 3 m², scatter the special filler into the still wet coating: one 25 kg bag of special filler per 9 m² measured.



We recommend the coating is applied by two persons to ensure effective and efficient work completion.

Features

Application time: approx. 30 mins

Rainproof after: approx. 1 h

Recoating of KEMPERDUR LASI Basic possible after: approx. 2 h

Can be walked on after: approx. 2 h

Cured after: approx. 16 h

Can withstand loads after: approx. 24 h

The times given are reduced with higher and increased with lower ambient and substrate temperature.

Storage

Store unopened in a cool, dry, frost-free place.
See container label for the use before date.

General information

Surface finishes are subjected to mechanical stress and should therefore be inspected / maintained on a regular basis (at least once a year) by a cargo security expert. Refinishing may be required depending on the level of wear.

Only use original KEMPER SYSTEM tools when handling the product, as they are designed especially for liquid-applied coating systems.