



Required material **per m²** (depending on thickness)

10 mm is the minimum thickness for VUM-Flooring. A thinner application will void guarantee.

Thickness	10 mm	15 mm	20 mm
Primer 1103	166 gr.	166 gr.	166 gr.
Rubber-Granules per m²	8,3 kg	12,5 kg	16,6
Binder 457 per m²	1,6 kg	2,5 kg	3,3

Needed materials are calculated for smooth, non-soaking grounds.

Mixing ratio of rubber granules to binder 457

The mixing ratio is allways 5 parts of granules to 1 part of binder. Example: 5 kg granules are mixed with 1 kg of binder. NO OTHER ADDITIVERS ARE REQUIRED.

Precautions:

Wear protective gloves and eye goggles. Material contains iso-cyanites. If any contact with skin occurs, clean with water and soap. Seek medical advise. Show packing label. Do not drin kor eat will processing.

Cleaning of tools:

Use a PU-cleaner.

Storage of material:

Storage of primer 1103, unopened:

6 month in original container
(or as stated on pack-label)

Storage of rubber granules (unprocessed):

36 month

Storage of binder 457, unopened:

6 month in original container
(or as stated on pack-label)

Installation (Also see pictures on page 3)

a. Installation temperature:

The minimum installation temperature for the primer and for the rubber cement is 10 degrees Celsius. The maximum processing temperature for the primer and for the rubber cement is 35 degrees Celsius.

b. Preparations:

The rubber cement is a recycled product. The colour-mix may vary slightly from bag to bag. To create a uniform colour (if more than one bag is installed on an area) mix the material from different bags. Important: Be sure, that the mixing ratio is (5:1) parts of rubber granules to "binder 457"!

c. Pretreatment of the surface with adhesive primer 94PU1001103:

The adhesive primer can be used on the following surfaces: on wood, pressure plate, metal, mineral and ceramic substrates. The surface must be absolutely dry, and free of grease, oil and dirt.

New concrete and screed surfaces must be at least 28 days old. Secure against rising moisture.

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Apply the primer 1103 with a roller or brush. The consumption of adhesive primer is app. 0.16 kilograms / square meters. Soaking grounds may need more primer. Test accordingly.

Apply primer to all joints.

During curing (4-12 hours) no moisture (rain, dew or cold) shall be present on the surface. When the primer has dried (app. 3 – 6 hours) applying of rubber cement can be started.

d. Preparation and installation of the rubber cement

The rubber cement can be mixed in a concrete mixer (for larger areas) or with a hand drill with an attached mixing blade in a plastic bucket. Whereas 25 kg rubber granules can be mixed with 5 kg binder in a concrete mixer, no more than 5 kg rubber granules should be mixed with 1 kg binder 457 if a hand drill is used.

The rubber granules should be mixed for app. 1 min. without binder.

The mixing ratio is 5 parts rubber granules to 1 part binder 457. For example: If 5 kg rubber granules are put in a mixing container add 1 kg of binder 457.

Mix granules and binder for at least 3 min. by slowly moving the hand drill through the material. This mixing time is necessary to assure, that all granules are coated with binder.

The ready mixed rubber cement shall be processed within 15-30 minutes (depending on temperature and humidity) on the (clean, dust free, dry and primed) ground.

The rubber cement is evenly spread between 2 ledges (bars). The ledges should be app. 2 mm higher than the desired thickness (if the thickness of the rubber 10 mm use 12 mm ledges). Now, compact by hand using a trowel. Remove the ledges and fill the gaps by hand, compacting and smoothening again afterwards.

Should you need to interrupted installation, flatten the ends of you cement area in a 30 degrees angle.

Curing time of the rubber cement is app. 24 hours. We recommend, not to use the new surface for 48 hours.

If it is likely, that any form of moisture may touch your area, cover the area with a plastic covering.

All the above information is intended to advise and is to the best of our knowledge. The content, however, is not legally binding.

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Installation of Rubber cement VUM: Example of installation in a horse trailer



1. Parts of rubber cement set (trowel and mixing blade are optional)



2. Cleaning and drying



3. Pre-Treating of joints with primer 1103



4. Pre-Treating of ground with primer 1103.



5. Extra needed material: ledges, trowel, waterscale



6. Application of 1 mixing unit of app. 6 kg



7. work Step by Step towards the exit ...



8. The area can be used app. 24 - 48 hours later.

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