
# ROMPOX® - 201 DEKO UV

## The ultra-modern, UV-stable grit and gravel binder for all areas of application

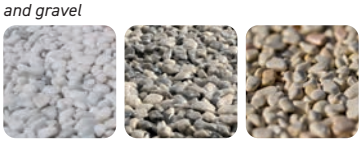
### Modified 2-component system

ROMPOX® - 201 DEKO UV is a high-quality 2-component system for consolidating almost all grit and gravel of any color. The grit and gravel binder is characterized by 100 % UV resistance and very high strength values. ROMPOX® - 201 DEKO UV can be used to create durable surfaces, also with regard to barrier-free path construction. Thanks to the extremely high water permeability, these contribute to sustainable surface unsealing. The hardening prevents grit or gravel from being removed and scattered, which reduces the frequency of maintenance and also enables quick and easy cleaning using brooms, leaf blowers or high-pressure cleaners.

### Properties

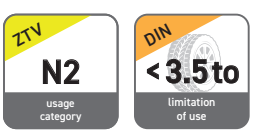
- UV-stable
- high strength
- low viscosity
- highly permeable to water
- frost/de-icing salt resistant
- resistant to high-pressure cleaners
- no PU license required
- sure-footed
- aliphatic

*Color examples for separately purchased grit and gravel*



### Areas of application

- for surface depths from 20 mm | ¾"
- areas with traffic loads of up to 3 tons
- all grit and gravel, especially for light-colored rocks
- stones containing calcium carbonate such as marble, chalk and sand-lime bricks
- garden paths and flower beds
- splash guard strips
- private driveways and parking spaces
- publicly used footpaths
- tree pits




### Technical data

| | |
|---|---|
| Compressive strength: | 14.7 N/mm² \| 2132 psi |
| Bending tensile strength: | 5.5 N/mm² \| 797 psi |
| Solid mortar bulk density: | 1.7 kg/dm³ \| 0.98 oz/in³ |
| Water permeability: | $5.6 \times 10^{-3}$ m/s \| 793.69 iph<br>approx. 335 l/min/m² \| 88.49 gal/min/sqft |
| Shelf life: | 12 months |
| Storage: | Frost-free, dry |

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# ROMPOX® - 201 DEKO UV

## CONSTRUCTION SITE REQUIREMENTS

**Planning:** The substrate should be constructed according to the expected traffic load. The superstructure and substructure must be water-permeable. The regulations and information sheets for the construction of paved surfaces must be observed. Subsequent loads must not cause the surface to settle. The use of ROMEX® Trass bedding products is ideal. The use of ROMEX® processing tools is recommended for optimum processing. Depending on the size and shape of the surface, sufficient expansion joints must be planned according to physical principles.

**Structure and layer thicknesses:** Light use in private areas (garden paths, flower beds or splash guards) on unbound, settlement-free base course min. 3 cm | 1 ¼" layer thickness, on water-permeable, bound bedding min. 2 cm | ¾" layer thickness, depending on grain size. Heavy traffic (private driveways, car parking spaces, publicly used footpaths, tree grates) on unbound, non-settled base course min. 5 cm | 2" layer thickness, on water-permeable, bound bedding min. 3 cm | 1 ¼" layer thickness.

**Preparation:** Prepare the surface to be decorated to the minimum depth required to withstand the load. Adjacent surfaces that are not to be decorated are masked off. Provide any overhanging components with edge insulation strips. Grit and gravel must be washed and dried before using ROMPOX® - 201 DEKO UV in order to avoid loss of strength.





## APPLICATION

**Mixing:** Pour the clean and dry grit/gravel into the compulsory or free-fall mixer according to the mixing ratio in the consumption table and start the mixing process. During the mixing process, remove the bar of the double-chamber bag by pulling it apart and knead the bag thoroughly for 2 minutes. Cut open the bag with scissors and add the entire contents (1.25 kg | 2.75 lbs) to the mix. Smooth out the bag completely. The more binder is used, the better the end result will be. Total mixing time: 3 minutes.

**Application:** Pour the ready-mixed grit/gravel onto the prepared surface, pre-spread with a shovel if necessary and level to the same height with a leveling board (using gauges). Compact the grit/gravel with a smoothing trowel or a light vibrating screed and smooth the surface. Good compaction is crucial for a durable end product! Avoid soiling from binding agents and footprints on adjacent surfaces. Clean application tools regularly with a little solvent.

**Sealing:** In the case of heavy use, the surface must be sealed immediately after curing with the same binder system using a fur roller. Requirement for subsequent sealing: approx. 200–300 g/m² | 7.05-10.58 oz/sq ft.

**Rain protection:** The freshly decorated surface must be protected from rain for 24 hours. The rain protection must not be placed directly on the surface so that air can circulate.

**Application data:**

| | | | |
|---|---|---|---|
| Application time at 20 °C \| 68 °F: | approx. 25 min. | Application temperature: | 5–30 °C \| 41-86 °F<br>low temperature » slow curing<br>high temperature » fast curing |
| Release of the surface at 20 °C \| 68 °F: | can be walked on after 24 hours, fully loadable after 6 days | | |
| Mixing ratio of components A to B: | 1.6:1 (parts by weight) | | |

**Consumption kg | lbs per 1 m² | 10,76 sq ft:**

**Light use:** Garden paths, flower beds or splash guards in private areas

| Material (density) | Minimum depth | Quantity of grit/gravel | Quantity of binder |
|---|---|---|---|
| 2–5 mm granite grit (1 720 kg/m³) | 3 cm | 52 kg | 1,3 kg |
| 4–8 mm grit (1 360 kg/m³) | 3 cm | 41 kg | 1,0 kg |
| 8–11 mm grit (1 420 kg/m³) | 3 cm | 43 kg | 1,1 kg |
| 12–16 mm Round gravel (1 580 kg/m³) | 5 cm | 79 kg | 2,0 kg |

Corresponds to 2.5 % binder content. 1 container per 50 kg gravel/chippings.

**Heavy use:** Private driveways, car parking spaces or publicly used footpaths and tree pits

| Minimum depth | Quantity of grit/gravel | Quantity of binder |
|---|---|---|
| 5 cm | 86 kg | 4,3 kg |
| 5 cm | 68 kg | 3,4 kg |

Corresponds to 5 % binder content. 1 container per 25 kg of gravel/chippings.

## IMPORTANT NOTES

**Weather:** Unfavorable weather conditions can negatively affect the result of your processing. We strongly recommend that you read and check product labels, processing instructions and climatic restrictions before starting your project. Very hot, cold or wet weather requires planning and additional equipment and measures if necessary. Our grit and gravel binders should be applied at temperatures above freezing and must not be laid on frozen ground. During the cold season, it may be advisable to store the stones in heated rooms and slightly warm the binder in a water bath to accelerate the reaction of the resin and shorten the curing time. The surface must be protected with a suitable covering and heating solution for at least 24 hours after laying.

**Product-specific instructions:** Grit and gravel must be dry when mixing, as an increased moisture content, as well as a high relative humidity, considerably accelerate the curing process and may destroy the final result. When using large containers, the resin and hardener should first be mixed in a clean container for 2 minutes before mixing it with the grit/gravel. On surfaces with polished and/or round gravel, there is generally a risk of slipping in wet conditions. This can be minimized by scattering glass beads or corundum on the surface during processing. The surface must then be sealed.

**Occupational safety:** The use of impermeable and durable protective gloves, tight-fitting safety goggles and protective work clothing is recommended during work. A PU license is not required.

**Cleaning and maintenance:** Processing tools can be cleaned with a little solvent immediately after grouting. The surface should be sealed with the same binder system approx. every three years.

## GENERAL INFORMATION

**Explanations:** Technical data determined with granite grit ²/₅ mm | ¹/₁₆"- ¼" and 5 % binder. Water permeability as defined in the „Information sheet for infiltration-capable traffic areas" (MVV) 2013 edition. Delimitation of use, utilization category and load classes indicate the load-bearing capacities for standardized substructure and superstructure according to German standards in accordance with RStO 12, ZTV Road Construction, DIN 18318.

**Legal text:** The information printed in this prospectus is based on experience and the current state of science and practice, but is non-binding and does not establish a contractual legal relationship. All previous information becomes invalid with the publication of this prospectus. Illustrations similar. Status: January 2024, subject to change.

**Notes:** Please note that the calculation of the weight for the grit/gravel is only an approximate value. The materials used are natural building materials and are therefore subject to natural fluctuations. When compacted, the volume decreases, which increases the amount of material required.

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Further information, films and consumption calculators can be found at **www.romex-ag.de**

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# ROMPOX® - 202 DEKO EP

## The grit and gravel binder for dark stones

### 2-component epoxy resin system

ROMPOX® - 202 DEKO EP is a modern 2-component system for consolidating dark grit and gravel. The grit and gravel binder is characterized by high strength values and its cost-effectiveness. ROMPOX® - DEKO 202 EP can be used to create durable surfaces, also with regard to barrier-free path construction, which contribute to sustainable surface unsealing thanks to the extremely high water permeability. The hardening prevents grit or gravel from being removed and scattered, which reduces the frequency of maintenance and also enables quick and easy cleaning using brooms, leaf blowers or high-pressure cleaners.

### Properties

- high strength
- very highly permeable to water
- frost/de-icing salt resistant
- resistant to high-pressure cleaners
- sure-footed
- Important: Not suitable for light-colored grit/gravel or marble, chalk and sand-lime bricks, as yellowing may occur.

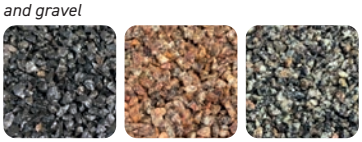
### Areas of application

- for surface depths from 20 mm | ¾"
- areas with traffic loads of up to 3 tons
- for dark grit and gravel
- garden paths and beds
- splash guard strips
- private driveways and parking spaces
- publicly used footpaths
- tree grates

### Technical data

| | |
|---|---|
| Compressive strength: | 13.9 N/mm² \| 2016 psi |
| Bending tensile strength: | 4.8 N/mm² \| 696 psi |
| Solid mortar bulk density: | 1.58 kg/dm³ \| 0.91 oz/in³ |
| Water permeability: | $5.6 \times 10^{-3}$ m/s \| 793.69 iph<br>approx. 335 l/min/m² \|<br>88.49 gal/min/sqft |
| Shelf life: | 12 months |
| Storage: | Frost-free, dry |

*Color examples for separately purchased grit and gravel*



ZTV N2 usage category

DIN < 3.5 to limitation of use

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# ROMPOX® - 202 DEKO EP

## CONSTRUCTION SITE REQUIREMENTS

**Planning:** The substrate should be constructed in accordance with the expected traffic load. The regulations and information sheets for the construction of paved surfaces must be observed. Subsequent loads must not cause the surface to settle. The superstructure and substructure must be water-permeable. The use of ROMEX® Trass bedding products is ideal. For optimum application, the use of ROMEX® application tools is recommended. Depending on the size and shape of the surface, sufficient expansion joints must be planned according to physical principles.

**Structure and layer thicknesses:** Light use in private areas (garden paths, flower beds or splash guards) on unbound, settlement-free base course min. 3 cm | 1 ¼" layer thickness, on water-permeable, bound bedding min. 2 cm | ¾" layer thickness, depending on grain size. Heavy traffic (private driveways, car parking spaces, publicly used footpaths, tree grates) on unbound, non-settled base course min. 5 cm | 2" layer thickness, on water-permeable, bound bedding min. 3 | 1 ¼" cm layer thickness.

**Preparation:** Prepare the surface to be decorated to the minimum depth required to withstand the load. Adjacent surfaces that are not to be decorated are masked off. Provide any overhanging components with edge insulation strips. Grit and gravel must be washed and dried before using ROMPOX® - 202 DEKO EP in order to avoid loss of strength.





## APPLICATION

**Mixing:** Pour the clean and dry grit/gravel into the compulsory or free-fall mixer according to the mixing ratio in the consumption table and start the mixing process. During the mixing process, mix the separately supplied resin/hardener component (3 kg | 6.61 lbs) in a clean container for 2 minutes. Then add the binder completely to the mix. Empty the bottles completely. The more binder is used, the better the end result will be. Total mixing time: 3 minutes.

**Application:** Pour the ready-mixed grit/gravel onto the prepared surface, pre-spread with a shovel if necessary and level to the same height with a leveling board (using gauges). Compact the grit/gravel with a smoothing trowel or a light vibrating screed and smooth the surface. Good compaction is crucial for a durable end product! Avoid soiling from binding agents and footprints on adjacent surfaces. Clean tools and work shoes regularly with a little solvent during work.

**Sealing:** In the case of heavy use, the surface must be sealed immediately after curing with the same binder system using a fur roller. Requirement for subsequent sealing: approx. 200-300 g/m² | 7.05-10.58 oz/sq ft.

**Rain protection:** The freshly decorated surface must be protected from rain for 24 hours. The rain protection must not be placed directly on the surface so that air can circulate.

**Application data:**

| | | | |
|---|---|---|---|
| Application time at 20 °C \| 68 °F: | approx. 20-30 min. | Application temperature: | 0-30 °C \| 0-86 °F |
| Release of the surface at 20 °C \| 68 °F: | can be walked on after 24 hours, fully loadable after 6 days | | Low temperature » slow curing |
| Mixing ratio of components A to B: | 2:1 (parts by weight) | | High temperature » fast curing |

**Consumption kg | lbs per 1 m² | 10,76 sq ft:**

**Light use:** Garden paths, flower beds or splash guards in private areas

| Material (density) | Minimum depth | Quantity of grit/gravel | Quantity of binder |
|---|---|---|---|
| 2–5 mm granite grit (1 720 kg/m³) | 3 cm | 52 kg | 2,1 kg |
| 4–8 mm grit (1 360 kg/m³) | 3 cm | 41 kg | 1,6 kg |
| 8–11 mm grit (1 420 kg/m³) | 3 cm | 43 kg | 1,7 kg |
| 12–16 mm Round gravel (1 580 kg/m³) | 5 cm | 79 kg | 2,4 kg |
| | Corresponds to 4 % binder. 1 container per 75 kg of grit | | |

**Heavy use:** Private driveways, car parking spaces or publicly used footpaths and tree pits

| Minimum depth | Quantity of grit/gravel | Quantity of binder |
|---|---|---|
| 5 cm | 86 kg | 5,2 kg |
| 5 cm | 68 kg | 4,1 kg |
| Corresponds to 6 % binder content. 1 container per 50 kg of chippings | | |

## IMPORTANT NOTES

**Weather:** Unfavorable weather conditions can negatively affect the result of your processing. We strongly recommend that you read and check product labels, processing instructions and climatic restrictions before starting your project. Very hot, cold or wet weather requires planning and additional equipment and measures if necessary. Our grit and gravel binders should be applied at temperatures above freezing and must not be laid on frozen ground. During the cold season, it may be advisable to store the stones in heated rooms and slightly warm the binder in a water bath to accelerate the reaction of the resin and shorten the curing time. The surface must be protected with a suitable covering and heating solution for at least 24 hours after laying.

**Product-specific instructions:** When using large containers, the resin and hardener should first be mixed in a clean container for 2 minutes before mixing with the grit/gravel. On surfaces with polished and/or round gravel, there is generally a risk of slipping in wet conditions. This can be minimized by sprinkling the surface with glass beads or corundum during application. The surface must then be sealed.

**Occupational safety:** The use of impermeable and durable protective gloves, tight-fitting safety goggles and protective work clothing is recommended.

**Cleaning and maintenance:** Processing tools can be cleaned with a little solvent immediately after grouting. The surface should be sealed with the same binder system approx. every three years.

## GENERAL INFORMATION

**Explanations:** Technical data determined with granite grit $^{2}/_{5}$ mm | $^{1}/_{16}$"-¼" and 5 % binder. Water permeability as defined in the „ Information sheet for infiltration-capable traffic areas" (MVV), 2013 edition. Delimitation of use, utilization category and load classes indicate the load-bearing capacities for standardized substructure and superstructure according to German standards in accordance with RStO 12, ZTV Road Construction, DIN 18318.

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