

## ROMEX® DEKO UV

### Gravel Binder (Light)

DEKO UV, the perfect gravel binder for light-colored aggregate. Designed for both beauty and performance, this innovative binder ensures your surfaces remain stable and durable while maintaining their bright, natural tones. Its UV-stable formula prevents discoloration, making it ideal for pathways, decorative areas, and patios that need to shine in the sunlight. Easy to use and highly effective, ROMEX DEKO UV provides a seamless blend of practicality and elegance, elevating your hardscape designs to the next level.

**Ideal for light colored aggregate**

- UV-stable
- Prevents loose gravel
- Safe non slip surface
- Washed, dry and dust-free aggregate
- For pedestrian & vehicular loads
- Highly permeable
- Frost/de-icing salt resistant



Highly  
Permeable



ADA  
Compliant

*Compatible with any  
aggregate without fines!*



**SCAN FOR  
MORE INFO**

**1-844-529-2330 | [www.romexhardscapes.com](http://www.romexhardscapes.com) | [info@romexhardscapes.com](mailto:info@romexhardscapes.com)**

# ROMEX® DEKO UV

## Gravel Binder (Light)

### APPLICATION

**Construction Site Preparation:** Prepare the foundation for expected traffic loads. Ensure the substructure is water-permeable. Follow regulations and guides for paved stone surfaces. Ensure the subsurface won't settle by using clear gravel such as ASTM #57 stone and optional geogrid.

**Preparation:** Ensure there is a water-permeable substrate. Tape off adjoining surfaces not to be affected. Clean and dry grit/gravel before using DEKO UV. NOTE: wet, dirty or contaminated aggregate will negatively affect the finished result!

**Cleaning Stone if Required:** Mix gravel with clean water in a concrete mixer. Pour out cloudy water until almost clear. Spread washed gravel on a mat or asphalt to dry completely, it may be turned periodically. Alternatively, dip gravel in a clean mortar trough filled with water. Move the basket up and down until gravel is clean. Let it dry fully as described above.

**Mixing:** Pour the clean and dry grit/gravel into the cement or mortar 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. Squeeze out the bag completely. The more binder that is used, the better the end result will be. Total mixing time: 3 minutes.

**Application:** Pour the mix onto the prepared surface. Disperse if necessary and level to at least 30 mm | 1 1/4" (depending on expected loads and substrate condition). Screed and level using screed bars, magnesium finishing trowels. Smooth the surface, ensuring good light compaction and avoiding impurities. Paint thinner or soap and water in a squirt bottle should be applied periodically to the tools during installation to keep them clean. The mixer should be periodically cleaned to prevent build-up on hot days, paint thinner and some clean stone is a great way to keep the mixer clean every 1-2 hours.

**Subsequent Treatment:** Protect the freshly jointed surface from rain for 12-24 hours. Do not lay the rain protection layer directly onto the surface, a raised cover must be utilized, if that is not possible the project should not happen until the right conditions present themselves. For heavy-use or commercial surfaces, ensure a minimum surface depth of 5 cm | 2" After hardening on the following day, roll DEKO UV undiluted over the surface using a paintbrush or roller for extra strength. Repeat topcoat every 3-5 years as required with consumption of approx. 200-300 ml/m<sup>2</sup> | 0.04-0.06 lbs/sqft or around 50 sq ft/ full set of resin.

**Important Notes:** A mockup or sample is always recommended. Ensure washed gravel is completely clean and dry to avoid loss of strength due to dampness. Use ROMEX-approved aggregate and call before you install.

Technical data			
Compressive strength	14.7 N/mm <sup>2</sup>   2132 psi		
Bending tensile strength	5.5 N/mm <sup>2</sup>   797 psi		
Solid mortar bulk density	1.7 kg/dm <sup>3</sup>   0.98 oz/in <sup>3</sup>		
Water permeability	5.6 × 10 <sup>-3</sup> m/s   793.69 iph approx. 335 l/min/m <sup>2</sup>   88.49 gal/min/sqft		
Shelf life	12 months		
Storage	Frost-free, dry		

Consumption kg | lbs  
per 1 m<sup>2</sup> | 10,76 sq ft:



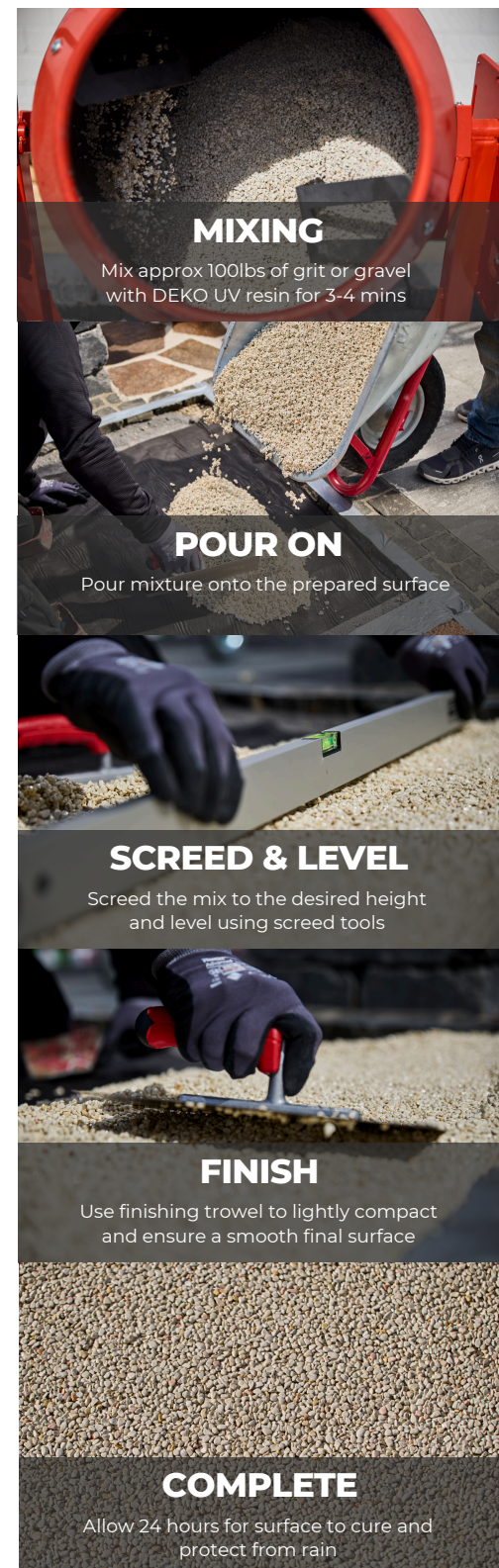
**Light use:** Garden paths, flower beds or splash guards  
in private areas



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

Material (density)	Minimum depth	Quantity of grit/gravel	Quantity of binder	Minimum depth	Quantity of grit/gravel	Quantity of binder
2-5 mm granite grit (1 720 kg/m <sup>3</sup> )	3 cm	52 kg	1,3 kg	5 cm	86 kg	4,3 kg
4-8 mm grit (1 360 kg/m <sup>3</sup> )	3 cm	41 kg	1,0 kg	5 cm	68 kg	3,4 kg
8-11 mm grit (1 420 kg/m <sup>3</sup> )	3 cm	43 kg	1,1 kg			
12-16 mm Round gravel (1 580 kg/m <sup>3</sup> )	5 cm	79 kg	2,0 kg			

Corresponds to 2.5 % binder content. 1 container per 80 kg gravel/chippings. Corresponds to 5 % binder content. 1 container per 25 kg of gravel/chippings.



### MIXING

Mix approx 100lbs of grit or gravel  
with DEKO UV resin for 3-4 mins

### POUR ON

Pour mixture onto the prepared surface

### SCREED & LEVEL

Screed the mix to the desired height  
and level using screed tools

### FINISH

Use finishing trowel to lightly compact  
and ensure a smooth final surface

### COMPLETE

Allow 24 hours for surface to cure and  
protect from rain



**CALL BEFORE  
YOU INSTALL**

@romexhardscapes



1-844-529-2330 | [www.romexhardscapes.com](http://www.romexhardscapes.com) | [info@romexhardscapes.com](mailto:info@romexhardscapes.com)