



ROMEX® PROFI-DEKO

Gravel Binder

Product ID: #197

Matte coating and anti-slip treatment available upon request.

PROFI-DEKO bonds any clear aggregate without fines. Simply mix the resin with your choice of gravel and trowel until level to create a durable and highly permeable surface. For light-colored aggregate, use ROMEX® PURE +

Ideal for tree surrounds, decorative drainage areas and surfaces with vehicle requirements.

- Prevents loose gravel
- Safe non slip surface
- Washed, dry and dust-free aggregate
- For pedestrian & vehicular loads



Highly
Permeable



ADA
Compliant

*Compatible with any
aggregate without fines!*



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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 and optional geogrid.

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

Cleaning if Required: Ensure stone is clean before use, dirty aggregate will negatively effect the end result. Contact a ROMEX rep to determine the best way to clean your stone.

Mixing: Follow the mixing ratio in the consumption table, typically for ¼" clean aggregate mix approx. 150 - 160 lbs stone with each set of Profi Deko. Pour clean and dry gravel into the mixer. Slowly add the two-component resin while mixing for at least 4 minutes.

Pro Tip: Mix the resin and hardener together in a bucket first with drill mixer for 1 minute to ensure best results.

Application: Pour the mix onto the prepared surface. Disperse if necessary and level to at least 30 mm | 1 ¼" (depending on expected loads and substrate condition). Smoothen and level using screeds, magnesium trowels and smoothing 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 or the following day, roll ROMEX® - PROFI-DEKO undiluted over the surface using a paintbrush or roller for extra strength. A future topcoat may be needed depending on the surface use with consumption of approx. 200-300 ml/m² | 0.04-0.06 lbs/sqft or around 150 sq ft/ full set of resin. A top coat should be considered every 3 years depending on the use of the space and site specifics.

Important Notes: Test a sample surface if uncertain. Ensure washed gravel is completely clean and dry to avoid loss of strength due to dust or dampness. Use ROMEX-approved aggregate and call before you install. Sprinkle loose jointing sand on the top coat to enhance the slip resistance of the surface and provide extra traction.

Weather Warning: Only install between 5°C - 30°C | 41°F - 86 °F Lower temperatures result in slower hardening while higher temperatures cure faster. 20 - 30 minute working time and protect from moisture.

Please note: Aggregate is not included. Strength, permeability, and surface traction may vary depending on the local aggregate used. Coverage shown below is based on 150 lbs of aggregate per resin set. Top coat coverage is approximately 150 sq. ft. per unit. Control joints should be considered at approx 25' intervals in either direction and where the surfaces interface with other materials such as concrete sidewalks. Contact your ROMEX representative to discuss site specific layouts.

Application Layer thickness Aggregate / mixture (3 kg resin) Area / per unit			
Application	Depth	Aggregate / Mix	Coverage / x1 Unit
Private Pedestrian	1.5" 38 mm	75 kg 165 lbs	12.5 sqft
Public Pedestrian	2" 51 mm	75 kg 165 lbs	8.5 sqft
Private Vehicle	2" 51 mm	50 kg 110 lbs	6.24 sqft

Ask us about vehicular applications

Technical Data	
Compressive strength	13.9 N/mm ² 2016 psi
Bending tensile strength	4.8 N/mm ² 696 psi
Solid mortar bulk density	1.58 kg/dm ³ 0.91 oz/in ³
Water permeability (Very High)	900 in/h 6.35 mm/s With a grain size of 2/5 mm or 5/64" - 3/16"
Shelf life	12 months
Storage	Frost-free, dry

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MIXING

Mix approx 150 lbs of grit or gravel with PROFI-DEKO 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

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