



Permeable Pavement Binder
Walkways • Patios • Tree Wells



Features & Benefits

- Creates Beautiful Pebble Surfaces
- Water Permeable Technology
- Superior Bond Strength
- Freeze-Thaw Resistant
- Eco-Friendly

CAN BE USED FOR:

- Use EkoFlo to create durable:
- Pathways
 - Outdoor Dining
 - Patios
 - Entertainment Areas
 - Tree Wells and Landscaping
 - Any area that requires permeability



COVERAGE GUIDELINES

EkoFlo Permeable Pebble Pavement Binder is best suited for use with washed, and dried pebbles that are bagged or in super-sacks.

When mixed properly, pebbles should be evenly coated throughout before installing.

For most projects, a WHEELBARROW, SQUARE-EDGE SHOVEL and MASONRY TROWEL are all the tools you need.

For LARGER PROJECTS, and PAVING JOINT application, please refer to our INSTALL GUIDE or contact our TECHNICAL SUPPORT representatives.

Do not use more EkoFlo binder than recommended unless pebbles are not evenly coated after mixing. Over-applying EkoFlo binder can cause cracking or foaming to occur during the cure phase.

EkoFlo is only recommended for pedestrian surfaces. For heavier use areas please contact one of our TECHNICAL SUPPORT representatives.

Pebble Size Range	EkoFlo ounces / 50 lbs of pebbles	Coverage Rate
1/4"	24 ounces	30 ft ² /gal
3/8"	16 ounces	40 ft ² /gal
1/2"	12 ounces	50 ft ² /gal

1.5" recommended installation depth

Use EkoFlo with:

- Pebbles & Pea Gravel
- Recycled Glass

Pebbles should be:

- Qualified/suitable for EkoFlo
- Cleaned thoroughly
- Moisture free
- Sediment & dust free
- No larger than 1/2 inch



INSTALLATION INSTRUCTIONS

01 Pebble Selection

Pebbles or other suitable materials ranging in size from 1/4" - 1/2" in diameter are recommended for optimal results.

02 Subgrade & Subbase

Excavate project area to account for water percolation and drainage. Install subbase that satisfies load bearing and drainage needs.

03 Pebble Washing

Using a bucket or wheelbarrow, thoroughly wash pebbles with water and mild detergent (if needed). Agitate pebbles, rinse, and allow to dry completely.

04 Mix EkoFlo

Add pebbles to wheelbarrow, or mortar mixer. Use mixing equipment that is free of sediment or moisture. Refer to coverage chart to determine EkoFlo binder needed. Mix until all pebbles are evenly coated.

06 Finishing

Trowel and compact pebble mixture to grade. For ease of use, coat tools lightly with cooking oil spray. Pebbles should be flush and smooth at surface level. Allow 24-72 hours to cure. Clean tools immediately after use with WD-40® and a rag.

05 Install Material

Pour blended pebble mixture directly onto subbase and rake or screed into place. EkoFlo treated pebbles should be installed within 15 minutes of mixing.



PEBBLE INFO

TechniSoil Global offers three 'certified pebbles' to use with Ekoflo Binder:

- Cabo Mountain
- Redwood Beach
- Trinity Creek

Our certified pebbles are available in 75 lb. bags and super sacks.

Most water-washed, rounded (semi-rounded) material can be used with Ekoflo, however it works best with pre-washed, bagged, or 'super-sacked' pebbles.

Bulk materials, like pea gravel, work as well, but these materials will require to be cleaned of dust/sediment before mixing with Ekoflo Binder.

Ekoflo binder can also be used with recycled glass!



Trinity Creek

Cabo Mountain

Redwood Beach

EKOFLO TIPS

EkoFlo should be installed within an ambient and surface temperature range of 45° - 90° F. Shaded, low sunlight, or colder areas will lengthen cure times. Conversely, direct sun, warmer areas will shorten cure times. Avoid temperatures at or below 45° F and above 90° F for EkoFlo® curing phase or storage.

EkoFlo binder should not come into contact with water at any time until fully cured. Ensure tools, mixing equipment, and project area are dry. Clean tools with WD-40 during (when needed) and after the project.

Protect adjacent solid surfaces with plastic tarp and use a painter's tape to protect edges of paving stones or borders. Use ACETONE or PAINT THINNER to remove any spills and avoid staining. Any stains/spills that are not removed immediately will require a more labor intensive removal.

Avoid using crushed decorative rock, pumice and other porous aggregates. A hard, water-washed material such as: BEACH PEBBLES and PEA GRAVEL are highly recommended.

Using a pre-washed bagged or super-sacked PEBBLE is recommended. However a 'bulk' material (i.e. PEA GRAVEL) can be used, but must be 'washed' and allowed to dry before mixing with EkoFlo.

Mask all adjacent surfaces with tape and polyethylene film to protect surface materials from possible staining (i.e. stone, pavers, concrete, etc.). Clean any accidental spills immediately with acetone and wash cloth.

Do not install EkoFlo less than 48 hours before or after rainfall. In damp conditions, allow to dry completely before application. Disable any irrigation systems near treated areas during application and cure phase.

EkoFlo is most often used with a 3/8" PEBBLE. This size provides a commonly available, cost-effective and durable surface. Only use 1/2" PEBBLES in landscaping applications.

Under-applying EkoFlo binder will reduce bond strength. Conversely, over-applying will adversely affect the curing process and aesthetic. Always consult manufacturer coverage rate guidelines, or contact TechniSoil technical support at: 877-356-2250.

USE A QUALIFIED AND SUITABLE PEBBLE OR PERFORM A TEST SECTION TO CONFIRM SUITABILITY OF MATERIALS & PROJECT CONDITIONS



STAY TUNED

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TechniSoil.com

Technical Support

877-356-2250 (x 2)

Mon - Fri, 7:00 AM - 4:00 PM PST



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Permeable Pavement Binder

