

GOLF COURSE MATERIALS



CONQUER THE ELEMENTS WITH KAFKA'S GROUNDBREAKING GOLF COURSE SOLUTIONS.

When prestigious golf courses such as Erin Hills, Union League National Golf Club, Aronimink Golf Club, Whistling Straits, and Eastward Ho! were looking to cut down on pathway and bunker maintenance—while preserving a natural look and feel on their courses—they all turned to Kafka Granite's patented erosion-resistant golf course materials. The ease of installation and limited maintenance makes our Wax Polymer Pathway Mix and Bunker Sand a top choice for beautiful, yet resilient pathways and out-of-play bunkers on courses throughout the United States.



AUTUMN BLEND Wax Polymer Pathway Mix



BEIGE BLEND Wax Polymer Pathway Mix



TWILIGHT BLACK Wax Polymer Pathway Mix



PLATINUM Wax Polymer Pathway Mix



Wax Polymer BUNKER SAND



When we built Union League National, layers of tee boxes were added to the landscape—many with fairly steep walk paths. The architects recommended Kafka to combat ongoing erosion. Not only does the product stay in place, it provides a great footing and looks fantastic after years of heavy wear. It exceeded all of our expectations, and the staff loves not having to clean up after heavy rains.

SCOTT BORDNER

Director of Agronomy Union League National Golf Club

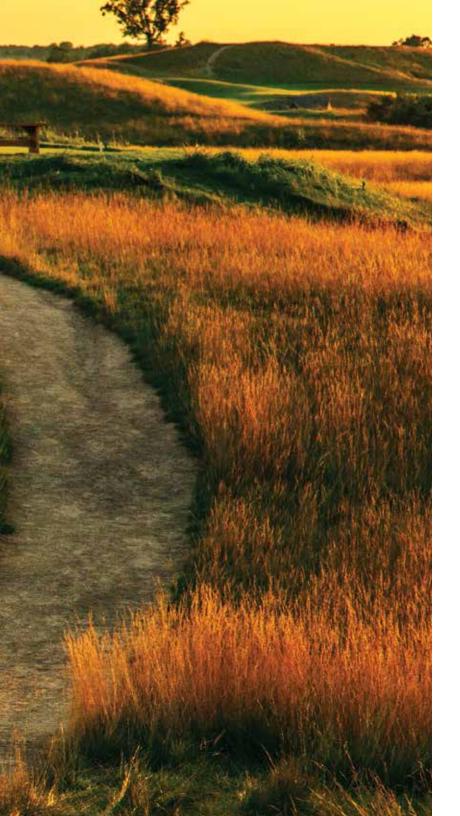
2



The Wax Polymer Pathway Mix from Kafka Granite provides a superior combination of ease of installation, durability, limited maintenance, and great aesthetics.

ZACHARY REINEKING, CGCS

Director of Course Maintenance Erin Hills



EASY TO INSTALL, EROSION RESISTANT, DUSTLESS, QUIET, AND MAINTENANCE FREE.

Kafka Wax Polymer Pathway Mix is a unique alternative to pavement that offers a natural look with a completely sealed surface. Natural crushed stone is pre-blended with an engineered polymeric wax in our proprietary process. This material can be installed on even the steepest of slopes to create durable walking, cart, or maintenance paths.

This easy-to-install mixture delivers a quiet ride and stable walk while eliminating mud, dust, and erosion—providing a solution for steep slopes prone to wash outs, pathways that require regular maintenance, and any area susceptible to high winds. The quiet, natural-looking paths enhance the member and guest experience, while the dust-free surface is beneficial for tournament play. As an added bonus, the low-impact surface results in minimal ball ricochet.

SPECIFICALLY DESIGNED FOR EASE OF INSTALLATION.

Suitable for high-traffic applications and where there is a potential for erosion, Kafka's patented Wax Polymer Pathway Mix is pre-blended for easy installation and maintenance. No water activation or special installation equipment is required for this product—simply lay the material over a suitable base, level the surface, and compact.

Need to reroute utilities on the course? This material can be dug up and re-laid when needed for subsurface access to utilities or site plan modifications.

Since Kafka Wax Polymer Pathway Mix has an unlimited working time and does not require activation, excess material can be stored indefinitely and be ready for whenever you may need it.



I've used this product at other courses for walk paths and it worked really well. The owner wanted a natural looking and durable product—this is perfect! Installation was easy. I had a three-to-four-man in-house crew that did the install.

JIMMY CAVEZZA

Golf Course Superintendent The Club at Lac La Belle



The Wax Polymer Bunker Sand by Kafka Granite has performed better than I could have ever imagined. The time and labor that is saved after heavy rain speaks for itself!

CHRIS ZUGEL, CGCS

Director of Golf Course Maintenance Destination Kohler



DRASTICALLY REDUCE COSTLY AND REPETITIVE MAINTENANCE.

Bunker erosion is a constant concern for golf course maintenance, particularly after severe weather. Kafka's patented erosion-resistant Wax Polymer Bunker Sand, which was specifically designed for high-maintenance, out-of-play bunkers at Whistling Straits, is designed to shed water down the bunker and into the drainage system without taking the sand with it.

Our Wax Polymer Bunker Sand can easily be installed over the steep faces of preexisting bunker sand, protecting your bunkers and drastically reducing costly and repetitive maintenance. Suitable for out-of-play bunkers, waste bunkers, and driving range target bunkers.

Kafka Granite Wax Polymer Bunker Sand (left) after a 2" rainfall, versus the previous bunker material (right) after a similar rainfall.

HOW DOES IT COMPARE?

	KAFKA WAX POLYMER PATHWAY	CRUSHED STONE PATHWAY	ASPHALT PATHWAY	CONCRETE PATHWAY
	Natural crushed stone coated with polymeric wax	Crushed stone, base course, or stone fines	2–4" of compacted asphalt pavement	4–5" of reinforced concrete pavement
Cost	\$\$	\$	\$\$\$	\$\$\$\$
Color Selection	5	VARIES BY REGION	LIMITED (Additional cost)	(Additional cost)
Installation	EASY	EASY	MODERATE	DIFFICULT
Self-Installation	✓	✓	×	×
Natural Appearance	✓	✓	×	×
Erosion Resistance	✓	×	✓	✓
Dust/Mud Resistance	✓	×	✓	✓
Ball Ricochet	LOW	MODERATE	HIGH	HIGH
ADA Accessible	✓	×	✓	✓
Durability	HIGH	LOW	HIGH	HIGH
Maintenance Required	SELDOM	OFTEN	EVERY 2-3 YEARS (Sealant and crack repair)	SELDOM (Sealant and crack repair)
Ease of Repairs	EASY	LABOR INTENSIVE	TECHNICAL	TECHNICAL

HOW DOES IT WORK?

HOW IT'S MADE:

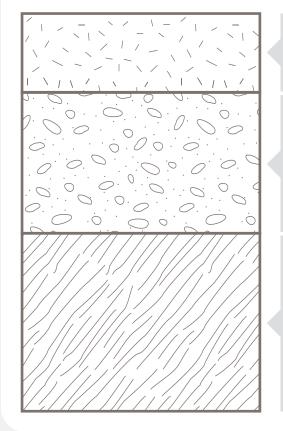
Kafka's proprietary method involves custom crushing natural stone to a specific gradation, then meticulously blending the crushed aggregate with an engineered paraffin wax under high heat to completely coat each stone particle. The polymeric wax not only completely seals the aggregate, but also allows it to pack like clay. The wax coated aggregate then goes through a cooling process before shipment.

HOW IT'S SHIPPED:

Kafka Wax Polymer materials are most commonly shipped via bulk end dumps. Kafka assists in facilitating shipments throughout North America. For smaller shipments or areas with limited accessibility, 1½ ton bulk bags are available.

The product stores exceptionally well, with no additional measures needed. Since the materials have an unlimited working time and do not require activation, excess material can be stored indefinitely and be ready for whenever you may need it.

INSTALLATION CROSS-SECTION



Compacted Wax Polymer Pathway Mix 2" (Pedestrian Traffic) or 3" (Vehicular Traffic)

Compacted Local DOT Road Base Material 4–6" (Pedestrian Traffic) or 8–12" (Vehicular Traffic)

Compacted Subgrade

HOW IT'S INSTALLED:

PREPARE. Excavate the area. Level, water, and compact the road base over the compacted subgrade.



3 COMPACT. For optimal compaction, compact the material with a 1-2 ton non-vibratory roller.



The paths have held up well through the first season. They look great and there are no washouts, no dust, and they are quiet. They blend in with their surrounds and have helped to tie-in and complement all the other work we've done on the course.

BRIAN MOORE

Course Superintendent Glen View Club

GLEN VIEW CLUB Golf, IL | AUTUMN BLEND Wax Polymer Pathway Mix



Natural Stone. Groundbreaking Solutions.

KAFKAGRANITE.COM | 800-852-7415 550 East Hwy 153, Mosinee, WI 54455