

TECHNI-SOIL[®] 2 GEN



What makes our polymer material better than our competitors?

- Traditional stabilizers often fail to maintain structure during wet weather conditions, compromising the integrity and strength to the natural surface.
- TechniSoil[®]'s 2Gen formula was specifically engineered to be resistant to water degradation.
- TechniSoil[®] Commercial Surface allows higher flexibility and strength in heavy pedestrian and vehicular traffic applications.
- TechniSoil[®] 2Gen is designed to maintain durability in thermal cycles.

Comparison Chart

✓ = Excellent ● = Good ● = Fair ● = Poor

	COST	DURABILITY	EASE OF INSTALLATION	WATER RESISTANCE	THERMAL CYCLE RESISTANCE	EROSION RESISTANCE
TECHNI-SOIL	✓	✓	✓	✓	✓	✓
FIBER	✓	●	●	●	✓	●
WAX	●	●	●	●	●	●
POLYMERS	●	●	✓	●	●	●



TechniSoil[®] Commercial Surface is a ready to use, liquid stabilizer that is specifically designed to bind with crushed stone and decomposed granite to create a natural surface.

Benefits of TechniSoil[®]:

- Ready to use
- Easy to apply
- EPA compliant


EkoResearch[®]
 evolution in natural surfaces
www.EkoResearch.com
 Phone: 877.356.2250

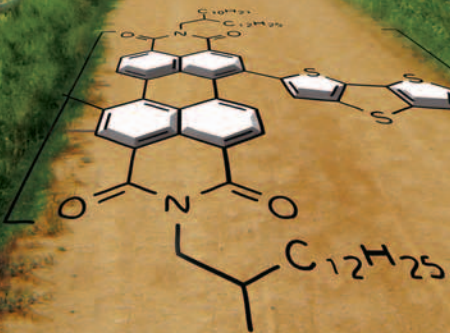
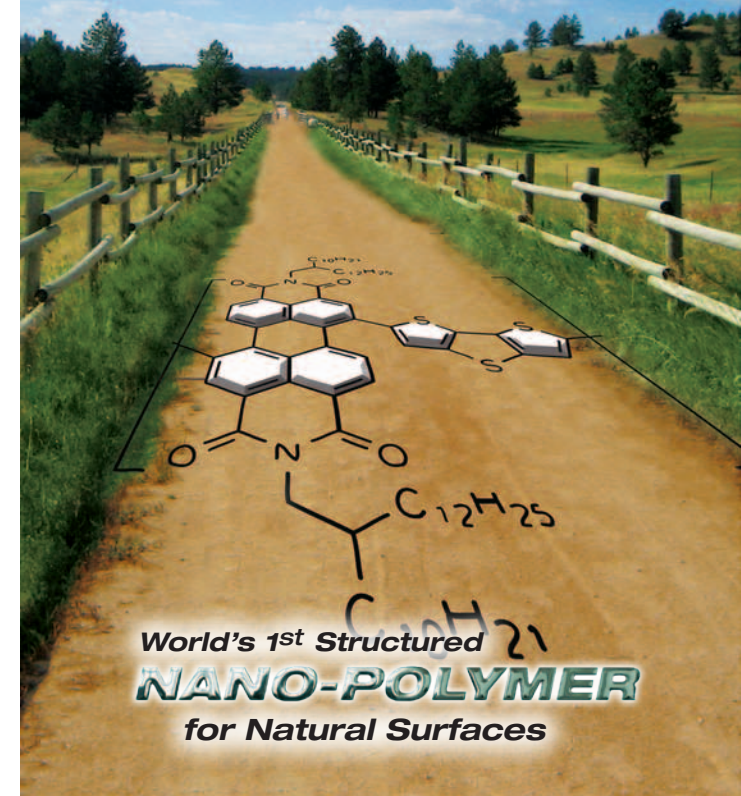


TechniSoil[®]

evolution in natural surfaces

TechniSoil[®] Commercial Surface

Driveways • Golf Cart Path • Parking Lots • Public Parks

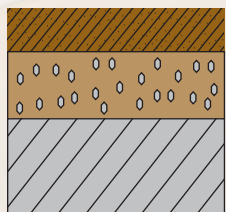


World's 1st Structured
NANO-POLYMER
 for Natural Surfaces

TechniSoil® Commercial Surface was specifically formulated for heavy use applications: Public parks, driveways, golf cart paths, haul roads, parking lots and public commons.

TechniSoil® Commercial Surface is durable and easy to apply.

SUGGESTED GRADIATION



- ← 2" - 3" Compacted Technisoil Mix
Crushed Stone Mix / Decomposed
Granite Large gradation Road Base
(3/4" minus)
- ← 4" - 6" Compacted Aggregate Base
(Civil engineering specifications)
- ← Compacted Soil Subgrade

MATERIAL & COMPACTION

TechniSoil® Commercial Surface is used for applications that need the durability to handle heavy foot and vehicle traffic.

TechniSoil® Commercial Surface is designed to be used with structural aggregates to assure optimum durability. Contact your TechniSoil dealer or commercial supplier for available aggregate options.

- Test areas for moisture content before compaction
- 7-9% moisture content at compaction
- Optimal compaction of 95% will attain the best results
- 2 to 3 compaction passes are recommended

AGGREGATE SELECTION



For aggregates of 1/2" or preferably 3/4" minus are best suited. Smaller aggregate/decomposed granite can be integrated at 25% to attain different color ranges.

SUGGESTED INSTALLATION

1. Prepare sub-base to specification. Spread and level the aggregate to grade at a 2-3" thickness.
2. If moisture content of aggregate is below 3%, pre-water surface to enhance absorption.
3. Apply TechniSoil® Commercial Surface topically to surface at 20 sf./gallon. Allow TechniSoil® Commercial Surface to fully absorb through the material.
4. Test select areas for moisture content before compaction. 7-8% moisture content is recommended for optimal results.
5. Compact surface with vibratory plate compactor or double drum roller in 2 passes. Allow to cure for a minimum of three hours before applying 2nd coat.
6. Apply TechniSoil® Commercial Surface '2nd coat' at 30 sf./gallon. Allow a minimum of 3 hours before applying top coat.
7. Apply TechniSoil® 'top coat' at 40 sf./gallon.
8. Allow 24-72 hours for surface to cure before use.

It is required that each aggregate is qualified by the TechniSoil® dealer/supplier before use. If an untested aggregate is to be used, a test area (i.e. 10'x10') must be conducted to assure the material and finished product meet approval and are deemed suitable.

Application Options

- Driveways
- Sidewalks
- Parking lots
- Haul Roads
- Golf Cart Path
- Service Roads
- Campus Commons
- Public Parks

EQUIPMENT

- Tank with spray boom
- Handheld sprayer (or attachment)
- Double drum roller or vibratory plate compactor

For suggested equipment please visit:

TechniSoil.com/equipment-help

Maintenance Coat

Apply TechniSoil® Commercial Surface maintenance coat when needed (12-36 Months). **45 sf./gallon.**

Weather Tips

- Do not apply TechniSoil® 72 hours before rainfall.
- Crushed Stone/DG mixes with larger aggregate will remain stable in wet weather conditions.
- Consult your TechniSoil® dealer for suitable aggregates

For more information visit:

TechniSoil.com/weather-tips

Need Help Troubleshooting?

Please visit: TechniSoil.com/commercial-help