

TECHNISOIL G3[®]

PATHWAY STABILIZER | COMMERCIAL SURFACE



TechniSoil
GLOBAL, INC.

Pathways • Patios • Xeriscape • Planter Beds • Erosion Control

PATHWAY STABILIZER COVERAGE GUIDE:

Pathway Stabilizer works best with 3/8" minus to 1/2" minus crushed stone mixes that contain an even gradation of angular crushed rocks, fines, and stone dust.

NOTE:

For best results, 3/8" minus Decomposed Granite (DG) is strongly recommended.

INSTALLATION RATES:

20 ft²/gal

INSTALLATION PHASE:

Pour-In
(Pre-Compaction)

50 ft²/gal

Topcoat
(Post-compaction)

COVERAGE RATE:

15 ft²/gal

G3-PATHWAY STABILIZER
TECHNISOIL



COMMERCIAL SURFACE COVERAGE GUIDE:

Commercial Surface works best with 3/8" minus to 1/2" minus crushed stone mixes that contain an even gradation of angular crushed rocks, fines, and stone dust.

NOTE:

For best results, 3/8" minus Decomposed Granite (DG) is strongly recommended.

INSTALLATION RATES:

20 ft²/gal

INSTALLATION PHASE:

Pour-In
(Pre-Compaction)

30 ft²/gal

Topcoat
(Post-compaction)

COVERAGE RATE:

12 ft²/gal

G3-COMMERCIAL SURFACE
TECHNISOIL



TOP 5 TIPS

Always perform a test section to confirm suitability of materials & project conditions!

- TechniSoil G3® installation and curing phases require an ambient and surface temperature range of 55° - 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 freezing or above 100° F for TechniSoil G3 curing phase or storage.
- TechniSoil G3® is a water-based polymer formulation. The curing phase is dependent upon complete evaporation of the water component (usually 24 - 72 hours in optimal conditions).
- **AVOID WET CONDITIONS!** Do not install TechniSoil G3® 48 - 72 hours before or after rainfall. In excessively wet conditions, allow surface materials and project area to dry.
- Always crown or slope finished grade of a TechniSoil G3® project to allow for sufficient drainage, runoff, and ground water levels. Wet conditions will affect the surface material rigidity. Do not use weed fabric as an underlayment.
- A 2"- 4" subbase layer and 1.5" - 2" surface material layer compacted to 95% or greater is critical. **DO NOT COMPACT SURFACE MATERIAL LAYER BEFORE TECHNISOIL G3® APPLICATION!**

PATHWAY (G3) STABILIZER

TYPICAL USES

- Residential Pathways
- Xeriscape
- Planter Beds

FEATURES & BENEFITS

- Cross-linking liquid polymer
- Reduces tracking
- Improves surface stability
- Minimizes dust, weeds & erosion

G3 COMMERCIAL SURFACE

TYPICAL USES

- Patios
- Erosion Control
- Commercial Walkways

FEATURES & BENEFITS

- Extra-strength formula
- Reduces tracking
- Improves surface stability
- Minimizes dust, weeds & erosion

TOOLS NEEDED:

- Shovel / digging equipment
- Wheelbarrow
- Bow rake / grade rake
- Screed board
- Watering can w/ shower head
- High output pressurized sprayer
- Masonry trowel
- Vibratory plate compactor
- Hand tamper
- If installing edge restraints, additional tools may be needed.

PRODUCT VIDEOS AND INSTALL
GUIDES AVAILABLE ONLINE AT:
TECHNISOIL.COM

01 SUBGRADE & SUBBASE

Excavate project area approximately 4" - 8" below finish grade. Use vibratory plate compactor to compact subgrade layer in 3 - 4 passes, or as needed.

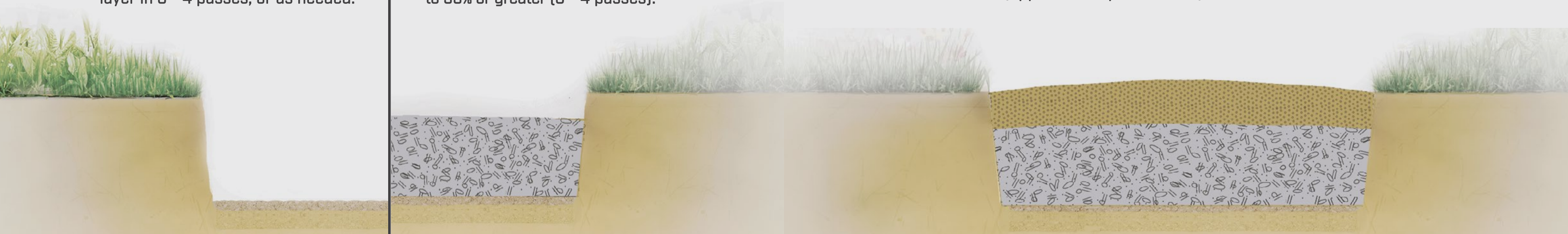
Install 2" - 6" layer of 3/8" - 3/4" minus structural base rock to provide load bearing support for the G3® stabilized layer. Compact to 95% or greater (3 - 4 passes).

02 SURFACE MATERIAL

CROWN

SLOPE

Install a 1.5" - 2" layer of surface material. Evenly grade material into place above edge restraints using a rake or screed. **DO NOT COMPACT AT THIS STAGE.** Allow for a 20 - 30% reduction of finished grade after compaction (approximately 1/2" - 3/4").



03

APPLY G3[®]

Apply TechniSoil G3[®] evenly and thoroughly over surface material layer at a rate of 20ft²/gallon, using a watering can with shower head.

Allow 45 - 90 minutes for G3[®] liquid polymer to permeate into the surface material layer, or until all white liquid dissipates and surface appears dry.

04

COMPACT SURFACE

After G3[®] is fully absorbed into material, compact surface layer to 95% or greater using a vibratory plate compactor (typically 3 - 4 longitudinal passes). Use a hand tamper in hard to reach areas. If surface material smears or sticks to the bottom of the compactor, wait an additional 20 - 30 minutes. Do not allow G3 liquid to dry completely before compacting.



05

TOPCOAT

PLEASE NOTE:

Do not compact after topcoat application

ALLOW 24 - 72 HOURS TO FULLY CURE

PATHWAY STABILIZER

Apply topcoat at a rate of **50ft²/GALLON**
12 - 24 hours after the first application.



A handheld pump sprayer can be used for topcoat applications.

COMMERCIAL SURFACE

Apply topcoat at a rate of **30ft²/GALLON**
12 - 24 hours after the initial application.



CLEAN-UP & STORAGE

CLEAN UP:

Clean all tools immediately by using a soft bristle brush and rinsing with water.

STORAGE:

Store G3[®] out of direct sunlight within a temperature range of 40° - 90° F.

STAY TUNED

VIDEOS | PROJECT INSPIRATION



TechniSoil.com

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TECHNISOIL G3[®]

Pathway Stabilizer | Commercial Surface

Made with pride in the USA

