Techniseal®

Protect and Beautify

A GUIDE TO RESTORING AND REJUVENATING EXISTING PAVER INSTALLATIONS

PROTECT AND BEAUTIFY YOUR INSTALLATIONS

REMOVAL AND REPLACEMENT OF OLD JOINTING PRODUCTS

This brochure is a guide to revitalize landscaping project by replacing current jointing product. Here are instructions to successfully complete a project in **5 easy steps. Safety equipment: Safety glasses, waterproof apron & rain overalls**

SUGGESTED TOOLS


Pressure washer equipment


Quarter-turn hose valve


Street broom


Soap spray nozzle


Shovel


High pressure industrial hose


Turbo nozzle for pressure washer


Tarp


5 Gallon bucket

STEP 1: PROTECTING THE SURROUNDINGS

- **Cover** adjacent surfaces that are not to be cleaned by using tarps. Move away items that can be displaced.

- **Rinse** all surfaces surrounding the installation thoroughly (siding, flowers, shrubs, mulch beds, windows, lawn, outdoor furniture, fixtures). Pour enough water so the surface remains wet throughout the process. Rinse as often as necessary throughout the process.

STEP 2: WATERING THE JOINTING MATERIAL TO SOFTEN IT

- **Saturate** all pavers working from high to low elevations.
- This will start softening the polymeric sand and make it easier to remove.
- Let water soak in for a few minutes.

- Before installing the new jointing product, now would be a good time to clean localized stains. Find more information in the MAINTENANCE OF A CONCRETE PAVER INSTALLATION brochure.
- Select one of the jointing products offered by Techniseal.
- Follow the instructions in our Technical Data Sheet (TDS) available on our website: techniseal.com.

IT ALL STARTS WITH THE

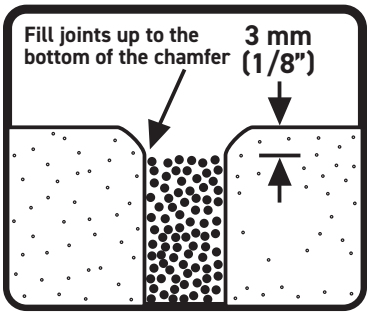
	RG+ POLYMERIC SAND WITH NextGel **THE ORIGINAL POLYMERIC SAND**	SMARTSAND® with NextGel™ TECHNOLOGY **THE SMART CHOICE FOR YOUR EVERYDAY INSTALLATIONS**	HP NO HA **HIGH-PERF VALU**
Specially Designed for:	Everyday residential projects Cost effective solution	Optimal jointing of interlocking pavers	High performance,
Project type:	Residential projects Pedestrian and low-traffic areas such as driveways and patios	Residential projects Non-vehicular commercial projects Pedestrian and low-traffic areas such as driveways and patios	For residential, com For high-humidity a traffic areas
Ideal for:	Interlocking concrete pavers	Interlocking concrete pavers	Concrete, wet-cast, False joints
Also used for:			Porcelain pavers
Mechanical Compaction:	Mandatory	Mandatory	Mandatory
For joints from:	Ideal for narrow joints from 0.1 cm - 1.27 cm (1/16" - 1/2")	Ideal for narrow joints from 0.1 cm - 0.9 cm (1/16" - 3/8")	Ideal for joints from
Intersecting spaces up to:	2.5 cm (1")	2.5 cm (1")	5 cm (2")
Main Colours:	Dark Granite and Tan	Grey and Tan (colours vary by region)	Black, Grey, Ivory, a

EASY | FAST | CLEAN

RIGHT JOINTING PRODUCT

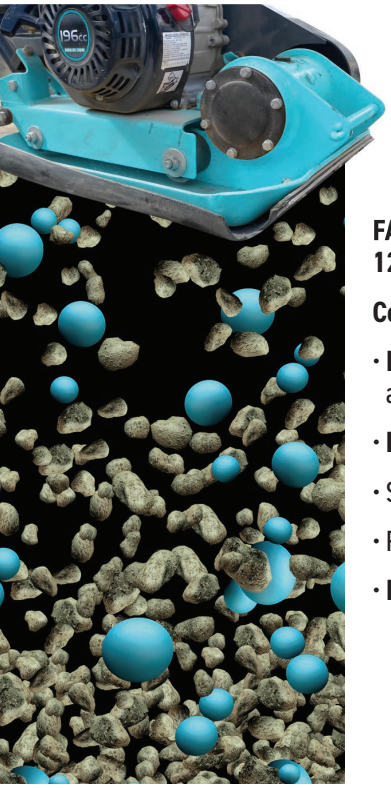
NextGel™	NOCO™ NO COMPACTION	STORM NO COMPACTION
THE ONLY REAL AZE NO DUST ALTERNATIVE	THE FIRST POLYMERIC JOINTING PRODUCT SPECIFICALLY DEVELOPED FOR FLAGSTONES	A JOINTING COMPOUND THAT WORKS UNDER WET OR DRY WEATHER CONDITIONS
FORMANCE JOINTING SAND ED BY TOP INSTALLERS		
multi-purpose jointing product	Flagstone, natural stone Projects where mechanical compaction is either not possible or traditionally not used	Multi-weather Permeable installations. A porous draining base is required for proper installation
mmercial, industrial and public projects reas with heavy or no slope and high	For residential, commercial, industrial and public projects The true alternative to mortar, stone dust and polymeric stone dust	For residential, commercial, industrial and public projects
textured or clay pavers	Flagstone, concrete and wet-cast pavers, imitation of cobblestone, highly textured surfaces, large slabs False joints	Natural stone, concrete, wet-cast, textured or clay pavers large slabs
	Porcelain pavers	Porcelain pavers
	Not mandatory (for joints > 0.6 cm (1/4")) Mandatory (for joints ≤ 0.6 cm (1/4"))	Not mandatory
0.1 cm - 2.54 cm (1/16" - 1")	Ideal for wide joints from 0.6 cm - 5 cm (1/4" - 2")	Ideal for wide joints from 0.3 cm - 5 cm (1/8" - 2")
	10 cm (4")	10 cm (4")
nd Tan (colours vary by region)	Desert Tan and Iron Grey	Black, Grey, Ivory, and Tan

PROPER LEVELING IS CRITICAL



Joints should **NEVER** be flush with the paver surface. Allow 3 mm (1/8") below the paver surface or as high as the bottom of the chamfer. This allows the water to percolate down the joint instead of flowing over it. Tip: Use the leaf blower to adjust the height before the wetting step.

THE IMPORTANCE OF COMPACTION



FACTS: The right grading allows Techniseal Jointing Products to be **12% denser** (weight/volume) than ungraded sand.

Compaction will:

- **Increase** the quantity and quality of **bonding contacts** between aggregates
- **Reduce water absorption** by over 60%, ensuring proper polymerization
- Significantly **reduce drying time**
- Reduce the risk of **washing away the polymers** while wetting the sand
- **Increase the durability** of the joints

WETTING THE POLYMERIC JOINTING SAND

- Critical step to obtain optimal results.
- Use only the "Shower" setting on a regular garden hose nozzle or as specified in the jointing product TDS. Don't mist, don't get creative!
- Follow specific wetting instructions for each jointing product (refer to TDS).
- Polymeric Jointing Sands: If product is activated at 75% or more of its depth, stop watering. If activated at less than 75%, more water is required. Recheck after 30 seconds. Avoid overwatering, as this will significantly lengthen the curing time and may compromise product performance.

STEP 3: CLEANING AND BLOWOUT

- Using a concrete turbo nozzle or rotary nozzle, **pressure wash** all the pavers to clean surfaces and remove joint contents (down to a minimum of 3.8 cm to 5 cm (1½ to 2")). For a porcelain installation, entire joints need to be removed. Hot water could also help the process.
- It is preferable to set the pressure of your pressure washer to 1500 psi to prevent damage to the pavers. Follow the manufacturer's recommendations.
- **Always keep an angle of 45 degrees** and keep the pressure washing wand 12 to 18 inches from the surface to avoid any irreversible scarring damage to the pavers.
- If the jointing product is harder to remove in some areas, slowly increase the pressure, still taking care not to damage the surface of the pavers.
- Be sure to work in a controlled fashion, one square section at a time, working from highest elevation to lowest, blowing away from house towards grass.
- Also, be sure to clean out between the last row of pavers and edge restraints.
- Use nozzle to slice back sod where applicable to reveal the edge of pavers and for a crisp look.
- As joint content piles up on surface (larger projects), use a bucket and shovel to remove excess and dump appropriately.
- **Rinse** all surfaces again to dislodge the sand and soil particles that may have been thrown onto adjacent surfaces.
- **Rinse** all pavers working from **high to low** elevations before shutting down washer.

STEP 4: ALLOW INSTALLATION TO DRY COMPLETELY

- A wet foundation or surface will cause the activation of the jointing product before compaction and activation. It may also clog the sides of the pavers and prevent the product from filling the entire joints in depth.
- It is imperative to allow the installation to **dry completely** before installing the new jointing product.
- Temperature must be above 0 °C (32 °F) for the following 24 to 48 hours.

- Allow a **minimum of 24 to 48 hours** in dry conditions (depending on the overall temperature and humidity).

STEP 5: RELEASING OLD JOINTING PRODUCT

- If necessary, run a plate compactor or a paver roller compactor over your paver installation to release any jointing product still hooked to the side of the pavers.

QUESTIONS?

If in doubt, do not hesitate to contact our experienced technical support team, available Monday to Thursday 8 am to 5 pm (EST), and Friday 8 am to 4 pm (EST).

TO CONTACT OUR TEAM :

- Call: 1 800 465-7325
- Email: service@techniseal.com
- Visit techniseal.com and fill-in the form in the "Support" section.

341-457/1123

Techniseal®

ENJOY YOUR INSTALLATION FOR YEARS TO COME