

NOCO[™]

POLYMERIC JOINT

UPDATE

April 28, 2020

Make sure that you have an up-to-date technical data sheet in hand by consulting our website: techniseal.com
U.S.A. and Canada: dial 1 800 465-7325
Others: dial (514) 523-8324 (Canada)

APPLICATIONS

- Natural stones, wet cast pavers, concrete pavers, highly textured surfaces and large slabs
- For all types of installations including draining base, cement/sand bedding, and concrete overlays
- Ideal for installation with the EZ base foam panel
- False joints
- Joint width from 1/4" to 4"*

*For joint narrower than 1/4", please contact Techniseal[®]. Recommended joint width for flagstone is up to 2" with interstice up to 4".

- Residential and commercial projects: Follow stone or paver's manufacturer recommendations.

PROPERTIES

- Fast wetting
- Optimal strength
- Deters ants and other insects
- Inhibits weed growth
- Eliminates joint erosion – water, frost heaving, wind, cleaning, etc.

DESCRIPTION

Techniseal[®] NOCO[™] is the first jointing product specifically developed for projects where mechanical compaction is either not possible or traditionally not used.

Ideal for flagstones, wet cast pavers (such as imitation European cobblestone), large slabs and false joints; NOCO[™] can be used on concrete overlay or cement-sand base bedding. It is a clean, easy and fast alternative to mortar and stone dust jointing.



Techniseal[®] Jointing products contribute to LEED credits, based on the use of regional and recycled materials.

DIRECTIONS

ALWAYS TEST on a small hidden area of approximately 4 sq. ft. to ensure that result meets your expectations (see Warranty). For installation with natural stones, wait two days after installation to confirm that there is no staining of the natural stones caused by the migration of some of the ingredients of the polymeric jointing mix into the stones (such as a halo effect on the outline of the stones, a phenomenon known with all jointing systems such as mortars, epoxy joints, and others).

BEFORE YOU BEGIN

Due to the unique nature of this material, it is mandatory that the installation be protected from rain for **24 hours** after installation. For wider joints and installation in colder temperature, **48 hours** without rain may be required.

Installation Conditions: Temperature must be above 50°F for 48 hours following installation. • Surface and joints must be dry. • Sprinkler system must be turned off.

Necessary Tools:

- Street broom with semi-rigid bristles
- Leaf blower
- Spray nozzle and garden hose
- Small soft brush for smoothing down the joints before activation

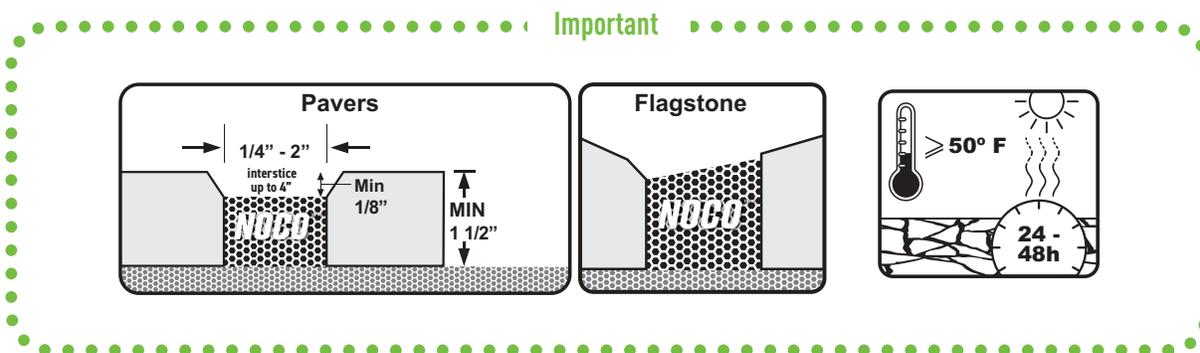
CAUTION

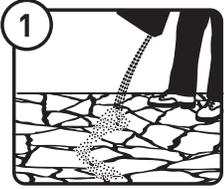
- Wear appropriate safety gears.
- Do not mix product with cement, sand or any other material.
- **Wait for a minimum of 7 days** after installation and ensure that joint has hardened before cleaning and sealing the surface.
- Do not use on submerged or constantly wet surfaces.
- Because product comes from a natural source, color and grain size may vary.
- **IMPORTANT:** Do not use this product as capping sand.
- The use of cleaning devices (high-pressure washer, etc.) is restricted during the first 30 days. It should be noted that too direct and violent jets can create alterations, so it is best to consult the machine manufacturers in order to use the specific accessories with soft jets.

INSTALLATION ON A DRAINING BASE WITH JOINT WIDTH FROM 1/4" TO 4"

NOTE: For installation on concrete overlay, please see [sub-section further down](#).

The hardscape products should be installed following the manufacturer's recommendation. Prior to applying NOCO™, make sure that the pavers, stones or slabs are well embedded in the bedding layer. For **flagstone**, the Natural Stone Institute guideline should be followed (www.naturalstoneinstitute.org). For **pavers and slabs**, ICPI Technical Specification Spec #2 (www.icpi.org) should be used.





Spread product evenly on a small surface.

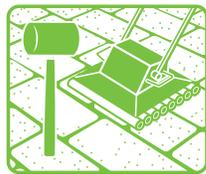


Using the street broom, fill joints completely. Spread NOCO™ over **short distances**.

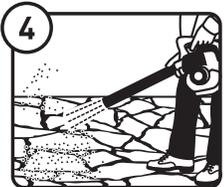


Remove excess NOCO™ from the surface with the broom.

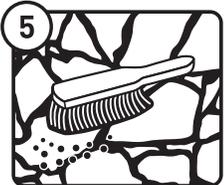
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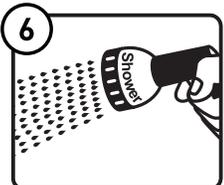
A slab and paver roller compactor or a rubber mallet can be used to compact NOCO™.



Level the joint height of NOCO™ and **remove all NOCO™ residue from the surface with the leaf blower.**



Using the small brush, smooth down the NOCO™ joint to ensure a uniform finish after activation.



For joints up to 1/2": wet 30 sec/100 sq. ft.

For joints 1/2" to 4": wet up to 60 sec/50 sq. ft. Stop showering when you see water retention on the joints.

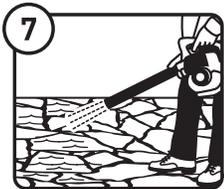
NOCO™ ACTIVATION INSTRUCTION FOR TYPICAL INSTALLATION ON DRAINING BASE

For Flagstones with joints up to 2", interstices up to 4" and stone thickness up to 2": with your sprayer set at shower, starting at the bottom of the slope, **water each section of 50 sq. ft. for 45 to 60 seconds**. Check for water accumulation at the surface of the jointing product as a cue to stop watering. Wait 30 seconds and verify the depth of activation. If NOCO™ is activated at 75% or more of its depth stop watering. If activated at less than 75%, water for an additional 15 seconds and check again after 30 seconds. Avoid overwatering NOCO™ as this will lengthen the curing time and may result in additive wash out in extreme cases.

For imitation European cobblestones with joint with approximately 1/2" and joint depth 1 1/2": with your sprayer set at shower, starting at the bottom of the slope, **water each section of 100 sq. ft. for 45 to 60 seconds**. Check for water accumulation at the surface of the jointing product as a cue to stop watering. Wait 30 seconds and verify the depth of activation. If NOCO™ is activated at 75% or more of its depth stop watering. If activated at less than 75%, water for an additional 15 seconds and check again after 30 seconds. Avoid overwatering NOCO™ as this will lengthen the curing time and may result in additive wash out in extreme cases.

For large slabs* with 1/2" joint with your sprayer set at shower, starting at the bottom of the slope, **water each section of 100 sq. ft. for 20 to 30 seconds**. Check for water accumulation at the surface of the jointing product as a cue to stop watering. Wait 30 seconds and verify the depth of activation. If NOCO™ is activated at 75% or more of its depth stop watering. If activated at less than 75%, water for an additional 10 seconds and check again after 30 seconds. Avoid overwatering NOCO™ as this will lengthen the curing time and may result in additive wash out in extreme cases.

*It is very easy to overwater installations with large slabs. Carefully track the watering time during the activation process.

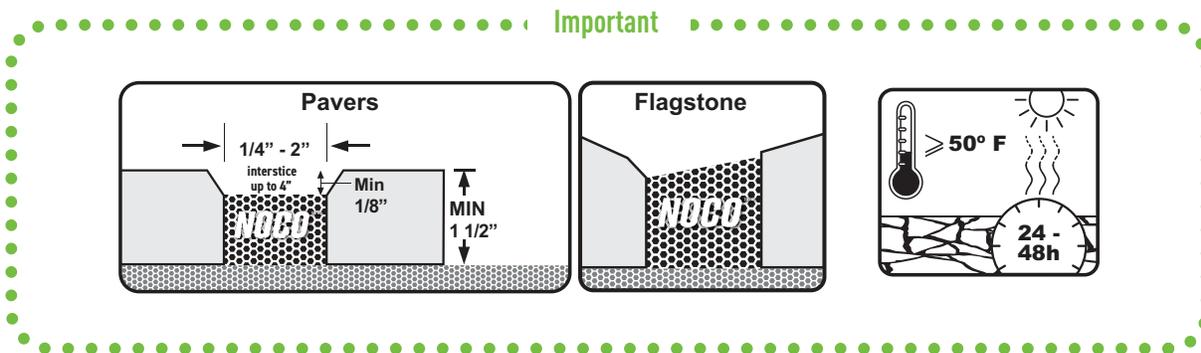


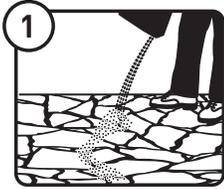
Use the leaf blower to remove all excess water from the surface.

END OF SUB-SECTION FOR INSTALLATION ON DRAINING BASE

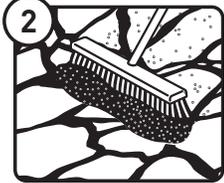
INSTALLATION ON CONCRETE OVERLAY WITH JOINT WIDTH FROM 1/4" TO 4" (INCLUDING FALSE JOINTS)

The hardscape products should be installed following the manufacturer's recommendation. Prior to applying NOCO™, make sure that the pavers, stones or slabs are well embedded in the bedding layer. For **flagstone**, the Natural Stone Institute guideline should be followed (www.naturalstoneinstitute.org). For **pavers and slabs**, ICPI Technical Specification Spec #10 and #20 (www.icpi.org) should be used for drainage hole dimension, position and slope requirements.





Spread product evenly on a small surface.

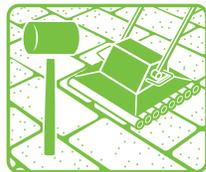


Using the street broom, fill joints completely. Spread NOCO™ over **short distances**.

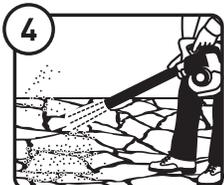


Remove excess NOCO™ from the surface with the broom.

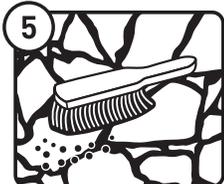
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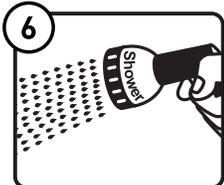
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Level the joint height of NOCO™ and **remove all NOCO™ residue from the surface with the leaf blower.**



Using the small brush, smooth down the NOCO™ joint to ensure a uniform finish after activation.



For joints up to 1/2": wet 20 sec/100 sq. ft.

For joints 1/2" to 4": wet up to 45 sec/50 sq. ft. Stop showering when you see water retention on the joints.

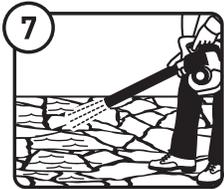
NOCO™ ACTIVATION INSTRUCTION FOR TYPICAL INSTALLATION ON CONCRETE OR CEMENT-SAND BASE

For Flagstones with joints up to 2", interstices up to 4" and stone thickness up to 2": with your sprayer set at shower, starting at the bottom of the slope, **water each section of 50 sq. ft. for 30 to 45 seconds**. Check for water accumulation at the surface of the jointing product as a cue to stop watering. Wait 30 seconds and verify the depth of activation. If NOCO™ is activated at 75% or more of its depth stop watering. If activated at less than 75%, water for an additional 15 seconds and check again after 30 seconds. Avoid overwatering NOCO™ as this will lengthen the curing time and may result in additive wash out in extreme cases.

For imitation European cobblestones with joint with approximately ½" and joint depth 1 ½": with your sprayer set at shower, starting at the bottom of the slope, **water each section of 100 sq. ft. for 20 to 30 seconds**. Check for water accumulation at the surface of the jointing product as a cue to stop watering. Wait 30 seconds and verify the depth of activation. If NOCO™ is activated at 75% or more of its depth stop watering. If activated at less than 75%, water for an additional 10 seconds and check again after 30 seconds. Avoid overwatering NOCO™ as this will lengthen the curing time and may result in additive wash out in extreme cases.

For large slabs* with ¼" joint with your sprayer set at shower, starting at the bottom of the slope, **water each section of 100 sq. ft. for 20 seconds**. Check for water accumulation at the surface of the jointing product as a cue to stop watering. Wait 30 seconds and verify the depth of activation. If NOCO™ is activated at 75% or more of its depth stop watering. If activated at less than 75%, water for an additional 10 seconds and check again after 30 seconds. Avoid overwatering NOCO™ as this will lengthen the curing time and may result in additive wash out in extreme cases.

*It is very easy to overwater installations with large slabs. Carefully track the watering time during the activation process.



Use the leaf blower to remove all excess water from the surface.

END OF SUB-SECTION FOR INSTALLATION ON CONCRETE OVERLAY

COVERAGE

For a 50 lb bag:
Joints up to ½": up to 120 sq. ft. per bag.
Wide joints (flagstone): 20 to 40 sq. ft. per bag.

STORAGE AND SHELF LIFE

Unused bags can be stored outside if they are still on a pallet and protected by the original packaging.

SAFETY WARNINGS

For information and advice regarding transportation, handling, storage, first aid and disposal of chemicals products, users should **refer to the Safety Data Sheet** containing physical, ecological, toxicological and other safety-related data.
KEEP OUT OF THE REACH OF CHILDREN.

EMERGENCY PHONE: CANUTEC (613) 996-6666.

SHIPPING

Land and sea

NOT REGULATED

PACKAGING

Joining Product	Product Code	Color	Retail Size	Units per pallet
NOCO™	40104121	Desert Tan	50 lb (bag)	56
	40104120	Iron Grey	50 lb (bag)	56

TECHNICAL INFORMATION

Properties	Test method	Specification
Mohs Hardness Scale		>5 for grey >6 for tan
Compression Strength	ASTM C-109*	> 750 psi (5,2 MPa)
Water Absorption (15 minutes)	ASTM C-642*	< 5%

*Sample preparation adapted for water activated product. Compression Strength measured on non-vibrated sample.

LIMITED 20-YEAR WARRANTY

Manufacturer, having no control over the use of this Product, does not guarantee finished work. This Limited 20-Year Warranty (hereinafter “warranty”), exclusively covers all residential installations (single or multi-unit exclusively residential). Replacement or refund of any product proven defective shall be the buyer’s sole remedy under this warranty. This product will perform its intended function when installed in accordance with its packaging instructions, technical data sheets instructions, and standard industry practices (ICPI Tech Spec #2). It is the sole responsibility of the user to determine the suitability and compatibility of this product for the intended use before installing it. No representation, promise, pre-approval, affirmation, statement, or demonstration by any employee of TECHNISEAL® or its distributors shall modify or supersede the terms of this warranty. This warranty applies only to NOCO™ used on the installation, and replaces all previous warranties. This warranty lasts so long as the job installation remains unchanged by the original owner and is none transferable, and shall end as specified in this warranty. To the extent permitted by law, all other warranties, including, but not limited to, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE EXCLUDED. ANY IMPLIED WARRANTIES ARISING BY OPERATION OF LAW ARE LIMITED IN DURATION TO THE TERM OF THIS EXPRESS LIMITED WARRANTY.

Manufacturer will not be liable for damage or loss resulting from the following: structural failure; inadequate surface or sub-surface; inadequate job configuration; Acts of God; product misuse or modified; failure to comply with the packaging instructions, technical data sheets instructions, and standard industry practices; wear and tear from normal usage; cracking due to structural movement; excessive deflection due to heavy landscaping machinery, delivery truck, or waste collection truck or other failure of the substrate. IN NO EVENT SHALL TECHNISEAL® BE LIABLE FOR SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF SALES OR PROFITS; BUSINESS INTERRUPTION OR DOWNTIME; INCREASED EXPENSE OF OPERATION; DAMAGE TO OTHER MATERIALS OR PROPERTY; OR LOSS OF USE OF PROPERTY. Proof of purchase is required for any claim. The above terms and conditions are applicable for commercial use, mix-use and institutional use except that the applicable period is limited to 1 year from the date of purchase.