

1. PRODUCT NAME

Tenon® Conproco® RePoint & RePoint VE

2. MANUFACTURER

TCC Materials®

2025 Centre Pointe Blvd.

Mendota Heights, MN 55120 USA

Phone: 651.688.9116

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3. PRODUCT DESCRIPTION

Tenon® Conproco® RePoint & RePoint VE are Portland/Lime based mortars without the additives often found in masonry cement based mortars. RePoint does not contain any polymers; it is a proprietary blend of Portland, lime and sand. Custom color matching available. 23 standard Masonry Restoration colors. Meets the requirements of ASTM C387 and C270 for the respective compressive strength of Type O or Type N mortars.

Features and Benefits

- Developed for historic structures but can be used anywhere a Type O or Type N mortar is required
- Suitable for joint replacement on stone, brick, book tile, terracotta and cast stone
- Maintains integrity of repair, resists cracking
- Breathable - Will not cause damage to structure by restricting moisture vapor flow
- Easy to batch in less than full pallet quantities.
- Resistant to deicing salts, chloride, chemical attack and environmental pollution
- Available VE (Viscosity Enhanced) formulas to allow for pumping, bag install or when greater workability, extended working times are desired

When/Where to Use

- Type O or Type N formulations can be used anywhere these types of mortar are specified.

4. TECHNICAL DATA

Typical Values • RePoint & RePoint VE		
	Type O	Type N
Physical State & Appearance	Dry powder with aggregate	Dry powder with aggregate
Base	Portland Cement / Lime Blend	Portland Cement / Lime Blend
pH (wet mix)	>12	>12
Aggregate Type	Graded Sand	Graded Sand
Compressive Strength @ 28 Days (ASTM C109)	350 - 425 psi	750 - 1,000 psi
Flow (ASTM C230)	110% +/- 5%	110% +/- 5%

Available Sizes

- 50 lb. bags RePoint Type N (BOM# 115324)
- 50 lb. bags RePoint Type O Tinted (BOM# 115377)
- 50 lb. pail RePoint Type N (BOM# 115426)
- 50 lb. pail RePoint Type O Tinted (BOM# 115306)
- 50 lb. bags RePoint VE Type N Tinted (BOM# 115374)
- 50 lb. pails RePoint VE Type N Tinted (BOM# 115319)
- 50 lb. pails RePoint VE Type O Tinted (BOM# 115378)

Coverage

Theoretical Yield			
1 bag / pail (50 lb.)	Joint Width	Joint Depth	Lineal Feet
1 bag / pail (50 lb.)	¼ inch	⅝ inch	442
1 bag / pail (50 lb.)	⅜ inch	¾ inch	245
1 bag / pail (50 lb.)	½ inch	1 inch	138

5. INSTALLATION

Preparation

Read all directions before starting work. Proper surface preparation is crucial to achieving a successful application.

1. Remove all loose and/or deteriorated material as well as any surface contaminants such as oil, paint, grease, etc.
2. Saturate substrate with clean water (saturated surface dry/SSD), with no standing water prior to Application to achieve proper curing.

Note: It is the responsibility of the installer/applicator to ensure the suitability of the product for its intended use.

Mixing

1. Empty contents of the bag or pail into an appropriate mixing vessel.
2. Add 4 to 5 parts powder to 1 part water depending on joint size and shape to achieve proper consistency.
3. Allow to prehydrate for 30 minutes to minimize shrinkage if required by specification.
4. Add additional water (half pint) to achieve desired consistency.
5. Do not retemper after desired consistency has been achieved.

Application

1. Apply using approved pointing technologies (see ASTM E2260) and finish with appropriate tooling.
2. RePoint VE is designed to be installed using a grout bag, mortar pump or grouting sponge where applicable. Contact your TCC Materials rep for details.
3. Temperatures should be between 40° and 90°F.
4. Protect from rain and excessive moisture for 12 hours after installation.
5. Protect from below freezing temperatures for 48 hours after installation.

Curing

Mist the substrate after initial set (24 hours) to ensure hydration and minimize shrinkage cracking.

Clean Up

1. When dry enough not to smear – cut mortar “tags” from the surface and then brush across joints with a dry, soft bristle brush. If a rougher texture is required a stiffer bristle brush can be used.

2. Cleaning with water and chemicals can be performed 3 days after curing. Test cleaning methods prior to beginning to ensure they will not adversely alter the color or texture of the joints.
3. Harsh acids may damage the integrity of the mortar if overused or not fully neutralized. Chemical manufacturers should be consulted prior to testing cleaning methods.
4. Clean tools and equipment with water immediately after use.
5. Cured material must be removed mechanically.

Limitations

1. May cause eye & skin irritation.
2. Do not ingest.
3. Avoid breathing dust.
4. Avoid contact with skin & eyes.

Safety

READ THE SAFETY DATA SHEET (SDS) BEFORE USING THIS PRODUCT. SDS information is available on our website: tccmaterials.com

- In case of skin contact, wash thoroughly with soap and water.
- For eye contact, flush immediately with a high volume of water for at least 15 minutes and contact a medical professional
- For respiratory problems, remove person to fresh air.

Cautions

Read complete cautionary information printed on product container prior to use. This Product Data Sheet has been prepared in good faith on the basis of information available at the time of publication. It is intended to provide users with information about and guidelines for the proper use and application of the covered Tenon brand product(s) under normal environmental and working conditions. Because each project is different, TCC Materials cannot be responsible for the consequences of variations in such conditions, or for unforeseen conditions.

6. AVAILABILITY

To locate Tenon products in your area, please contact:

Phone: 651.688.9116
Email: info@tccmaterials.com

7. WARRANTY

Seller warrants that its product will conform to and perform in accordance with the product specifications. The foregoing warranty is in lieu of all other warranties, expressed or implied, including, but not limited to those concerning merchantability and fitness for a particular purpose. Because of the difficulty in ascertaining and measuring damages hereunder, it is agreed that Seller's liability to the Buyer shall not exceed the total amount billed and billable to the Buyer for the product hereunder.

Shelf Life	18 months in unopened containers.
Storage Conditions	Transport and store in cool, clean, dry conditions in unopened containers. High temperature or high humidity will reduce shelf life.
Color	Gray
KEEP PRODUCT IN CONTAINER FROM FREEZING	
WARNING: INJURIOUS TO EYES	
KEEP OUT OF REACH OF CHILDREN	



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