

TVIS™ PREMIUM VENEER POINTING MORTAR

1. Product Name

TVIS Premium Veneer Pointing Mortar

2. Manufacturer

Custom Building Products
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3. Product Description

TVIS Premium Veneer Pointing Mortar produces hard, dense joints that resist shrinking, cracking and wear. Formulated for durability, color consistency and quick curing, Veneer Pointing Mortar can be used for joints 1/4" to 1-1/4" (6 to 32 mm). For interior or exterior installations.

TVIS Premium Veneer Pointing Mortar can be used with the following veneer types:

- Brick, thin brick, manufactured stone veneer, thin stone veneer
- Precast terrazzo
- Natural stone tile
- Vitreous, semi-vitreous or non-vitreous tile
- Stone veneer, thin veneer and cement body tile

COMPOSITION & MATERIALS

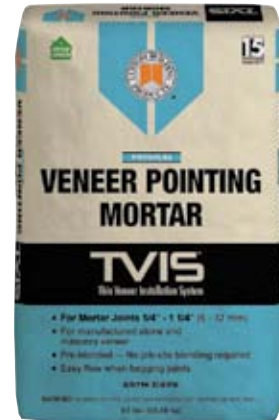
TVIS Premium Veneer Pointing Mortar is a dry, Portland cement based joint filler with silica sand, inorganic aggregates and chemicals.

BENEFITS

- Consistent color
- Smooth, dense masonry joints
- Resists shrinking, cracking, powdering and wear
- Meets or exceeds ANSI A118.6 standards

LIMITATIONS

- Premium Veneer Pointing Mortar should not be installed when ambient temperature is lower than 50° F (10° C) or higher than 100° F (38° C).
- Some veneer materials may be scratched, stained or damaged by sanded or pigmented mortars. Test a small area prior to use. Should this become an issue, contact Custom Building Products Technical Services. Stone or veneer with high absorption, surface porosity or rough, textured surfaces may require sealing prior to mortar placement to prevent staining. Contact Technical Services if pre-sealing or temporary protection of the veneer is required.



- Color variation can occur due to veneer type, tile porosity, jobsite conditions, application and finishing techniques. Variation can be minimized by following directions and using as little water as possible for cleanup.

PACKAGING

- 50 lbs (22.68 kg) bag
- Available in 8 standard colors; color matching is available. View color selections at the customTVIS.com.

4. Technical Data

APPLICABLE STANDARDS

TVIS Premium Veneer Pointing Mortar is compliant with the following:

- American National Standards Institute (ANSI) — ANSI A108.10 and A118.6 of the American National Standards.

ASTM International (ASTM)

- ASTM C150 Standard Specification for Portland Cement.
- ASTM C404 Standard Specification for Masonry Grout.
- ASTM C270 Standard Specification for Mortar with Masonry Units
- ASTM C476 Standard Specification for Grout for Masonry.

Tile Council of North America (TCNA) — TCNA Handbook for Ceramic Tile Installation, TCNA Method EJ171



APPROVALS

TVIS Premium Veneer Pointing Mortar meets or exceeds ANSI A118.6 standards.

TECHNICAL PROPERTIES

Property	Results
ANSI standard	A118.6
Pot life	1 hour
Initial set	2-3 hours
Final set	5 hours
Shrinkage	450 psi (31.6 kg/cm ²)
7 days	<0.08%
Water absorption	
After immersion	8%
After drying	10%
Compressive strength	4650 psi (327 kg/cm ²)
Tensile strength	
7 days	345 psi (24.3 kg/cm ²)
28 days	423 psi (29.7 kg/cm ²)
Flexural strength	
7 days	990 psi (69.6 kg/cm ²)
Thermal shock	Pass

ENVIRONMENTAL CONSIDERATIONS

Custom Building Products is committed to environmental responsibility in both products produced and in manufacturing practices.

The use of TVIS Premium Veneer Pointing Mortar may contribute to LEED® certification.

5. Installation

PREPARATORY WORK

Masonry, veneer, or stone must be firmly bonded to a sound substrate, and setting material must be cured a minimum 24 - 48 hours before finishing, unless rapid setting adhesives are used. See the corresponding data for the bonding materials used in your application. Ensure that the mortar joints are free of loose debris, contaminants and excess mortar. Tile with high absorption, surface porosity or rough, textured surfaces and certain types of porcelain may require sealing prior to mortar placement to prevent staining. Applying one coat of Custom TVIS Penetrating Sealer prior to Pointing Mortar to assist with cleanup of cement and color pigment on surface of manufactured stone or thin-veneer. Always test sealer first in an inconspicuous area for compatibility with stone. Contact Custom Building Products Technical Services if pre-sealing or temporary protection of the veneer is required.

METHODS

Mixing

Mix 4 quarts (3.78 L) clean water to 50 lbs (22.68 kg) of mortar. When used in a horizontal application such as panel work; the water may be increased by up to 15% or 4.5 quarts (3.78 L).

Mix with a trowel or low speed mixer (less than 300 rpm) to achieve a smooth, lump-free consistency. Let the mixture stand (slake) for 5-10 minutes, and then remix and use.

Periodically remix to keep the mixture workable, but do not add water, which can weaken the joint, cause color variation and possible cause shrinkage, cracks and pinholes. Discard mortar when it becomes too stiff to work.

Application

Lightly dampen absorptive, highly porous veneer with clean, cool water, but leave no standing water in the joints. For mortar or grout bag application, bag the mortar into the joint. Once the mortar has become stiff in the joint, using a striking or joint tool, strike the mortar joints to provide the desired finish. Remove excess mortar using a masonry brush or sponge. Do not over wash the mortar joint. Holding a rubber float at a 45° angle, completely fill the joints. For float applications: Holding the edge of the float at a 4° angle to spread the mortar uniformly into the joints and then at a 90° angle, remove excess grout. Do not spread more mortar than can be cleaned within 30 minutes of the mortar firming and use as little water as possible for mortar cleanup. Using a striking or joint tool, strike the mortar joints to provide the desired finish. Remove excess mortar using a masonry brush or sponge. Do not over wash the mortar joint.

Coverage

Based on 4" x 8" x 1/2" (100 x 200 x 13 mm) size veneer

JOINT SIZE	COVERAGE PER 50 LBS (22.68 KG)
1/4" (6 mm)	120 sq. ft. (11.1 M ²)
1/2" (13 mm)	60 sq. ft. (5.6 M ²)
3/4" (19 mm)	37 sq. ft. (2.4 M ²)
1" (25 mm)	30 sq. ft. (2.8 M ²)
1-1/4" (32 mm)	25 sq. ft. (2.3 M ²)

Curing

Curing time is affected by ambient and surface temperatures and humidity.

Cleaning

Clean with water before the material dries.



PRECAUTIONS

This product contains Portland cement and free silica. Avoid eye contact or prolonged contact with skin. Wash thoroughly after handling. If eye contact occurs, flush with water for 15 minutes and consult a physician. Do not breathe dust; wear a NIOSH approved respirator

BUILDING CODES

Installation must comply with the requirements of all applicable local, state and federal code jurisdictions.

6. Availability & Cost

Contact the manufacturer or visit customTVIS.com for information about product cost and availability, provided our products are used as a complete installation system.

ITEM CODE	SIZE	COLOR	PACKAGE
TVP0950	50 lb. (22.68 kg)	Natural Gray	Bag
TVP6050	50 lb. (22.68 kg)	Charcoal	Bag
TVP9650	50 lb. (22.68 kg)	Quarry Red Clay	Bag
TVP9550	50 lb. (22.68 kg)	Sable Brown	Bag
TVP1950	50 lb. (22.68 kg)	Pewter	Bag
TVP14550	50 lb. (22.68 kg)	Light Smoke	Bag
TVP15650	50 lb. (22.68 kg)	Fawn	Bag

7. Limited Product Warranty

Eligibility for Installation Systems Warranty

This product may be eligible for a Custom Building Products Installation Systems Warranty of up to 15 years, provided our products are used as a complete installation system.

Custom Building Products warrants to the original consumer purchaser that its product shall be free from defects in material and workmanship under normal and proper usage for a period of one year following the date of original purchase. Custom’s sole liability under this warranty shall be limited to the replacement of the product. Some states, countries or territories do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty will not extend to any product which has been modified in any way or which has not been used in accordance with Custom’s printed instructions. Custom makes no other warranties either expressed or implied. This warranty gives you specific legal rights, and you may have other rights that vary from state to state or from one country/territory to another.

For details and complete warranty information, contact Custom Building Products or visit customTVIS.com.

8. Maintenance

Properly installed product requires no special maintenance.

9. Technical Services

For technical assistance, contact Custom Building Products or visit customTVIS.com.

10. Filing Systems

Additional product information is available from the manufacturer upon request.

Related Products

TVIS Premium Veneer Pointing Mortar

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