
PRODUCT DESCRIPTION

Vulkem™ Grip Pro Series is a heavy-duty, elastic, quick tack adhesive based on hybrid polymer technology. It acts as a second set of hands you can count on, allowing for rapid installation with its extremely high initial grab (green strength). Vulkem Grip bonds to a wide variety of substrates, including wood, metal, concrete, brick, stone, ceramic, marble, granite, vinyl, drywall, foamboard, plastic, PVC, and more. It's unique polymer blend offers rapid bond development with exceptional flexibility capable of withstanding $\pm 35\%$ joint movement. Resistant to UV, weather, and aging, while providing a strong, durable bond. Solvent-free. Interior/Exterior use.

BASIC USES

Vulkem Grip has been developed to bond materials to a variety of substrates where an adhesive with an extremely high initial green strength is required, making it perfect for use in a variety of applications including, but not limited to:

- Interior and exterior trim
- Masonry (brick, stone, pavers, blocks)
- Landscape masonry (hardscape)
- Bathroom/kitchen tiles and countertops
- Cabinet installation, wood mounting
- Small fixtures and placards (large fixtures and placards in conjunction with mechanical fasteners or studs)
- Air barrier applications
- Insulation to air barriers and below grade membranes
- Drainage board for backfill applications

FEATURES & BENEFITS

Using Vulkem Grip reduces the need for additional fasteners or clamps during installation, saving both time and money on the jobsite. It's unique polymer blend offers rapid bond development with exceptional flexibility capable of withstanding $\pm 35\%$ joint movement. Vulkem Grip has up to 6x bonding strength compared to other major construction adhesive brands based on ASTM C961 test results. It adheres to most wet, commonly used construction materials.¹ The solvent-free formula of Vulkem Grip allows it to be low odor and extremely low VOC, making it an ideal choice on the jobsite.

- Instant grab and hold
- Bonds wet surfaces¹
- Up to 6x bonding power*
- +/- 35% movement capability
- All weather durability
- Interior and/or exterior use
- Low odor and extremely low VOC

APPLICATION INSTRUCTIONS

Cut cartridge tip at a 45° angle to desired bead size and install in cartridge gun. Apply adhesive as described below. Then use a bead of adhesive to cap the nozzle for storage.

- **For high heat, low humidity applications or applications on a vertical:** apply adhesive to one side of the material being bonded by creating a 3" diameter solid circle applied every 2 to 3 ft as needed.
- **For all other applications:** vertically apply a 1/4" bead to one side of the substrate being bonded. For a large area, apply vertical parallel beads approximately 4" apart so there is an aerated gap remaining between the beads.
- All beads should be applied vertically to reduce ponding water. Bond the two components together immediately. Sufficient working strength will normally develop after approximately 10 minutes.

Clean-up: use isopropyl alcohol (IPA) to remove any uncured adhesive.

LIMITATIONS & CONSIDERATIONS

*Up to 6x Bonding Power: Vulkem Grip has up to 6x bonding strength compared to other major construction adhesive brands based on ASTM C961 test results.

¹Bonds Wet Surfaces: Vulkem Grip bonds most wet commonly used construction materials. Not suitable for surfaces with frost or ponding water. Not suitable for continuous immersion in water.

Not recommended for prolonged exposure to water. Adhesion strength on wet surfaces may vary. Contact with bituminous or tar containing surfaces may lead to discoloration.

Vulkem Grip should only be used in approved applications. For best results, apply to clean, frost-free surface within application temperature range (40 to 104 °F). Prefit all materials prior to applying adhesive. Protect surrounding area from excess adhesive. Non-porous surfaces may need to be roughened with an abrasive to promote better adhesion. Test in a small, inconspicuous area first to confirm adhesion to the substrate is possible.

Not suitable for bonding polyethylene, polypropylene, Teflon®, or nylon. Not recommended for sheet laminate. Do not use as a structural glazing adhesive. Not suitable for bonding of plastics that are sensitive to stress cracking. Staining on natural stone may occur. If 2 non-porous substrates are adhered, the maximum width should not exceed 15 mm (0.59 in).

STORAGE

Prior to use, store the product in its original, undamaged packaging in a clean, dry, protected location with temperatures between 40 to 110 °F (5 to 43 °C). Once the packaging is opened, the material will begin to cure. Preserving the material from developing an undesired cure can be achieved by promptly closing the adhesive's container immediately after completion of use, this can be achieved by capping the nozzle with a bead of adhesive.

TYPICAL PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	TYPICAL RESULTS
Movement Capability	ASTM C719	± 35%
Tooling Time	Skin Formation (ASTM C679)	10 to 14 min
Tack Free Time	ASTM C679	16 to 18 min
Cure Time		24 hours
Hardness (Shore A)	ASTM C661	+60
Tensile Strength	ASTM D412	390 psi (2.69 MPa)
Elongation	ASTM D412	420%
Tear Strength	ASTM D642	76 psi
Lap Shear	ASTM C961	280 psi
Coverage		25 linear feet (0.25" depth, 0.25" width)
Application Temperature		40°F to 104°F (+5°C to +40°C)
Service Temperature		-40°F to 194°F (-40°C to +90°C)

Please refer to our website at www.tremcosealants.com for the most up-to-date Product Data Sheets.

Tremco Construction Products Group (CPG) brings together Tremco CPG Inc. and its Dryvit and Nudura brands; Willseal; Prebuck LLC; Tremco Barrier Solutions, Inc.; Weatherproofing Technologies, Inc. and its Pure Air Control Services and Canam Building Envelope Specialists offerings; and Weatherproofing Technologies Canada, Inc.



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