

GLAZETITE™ WALL SYSTEM

INORGANIC / GLAZE WALL SURFACING

Technical Data Sheet

DESCRIPTION:

GLAZETITE™ is a high build, 90% inorganic, seamless, glazed, high performance architectural coating system for interior application. The GLAZETITE™ system is designed to be applied at 15-20 mils. GLAZETITE™ is available in 20 standard colors with custom color matching available upon request.

ADVANTAGES:

- USDA and Canadian Department of Agriculture approved
- Easy to maintain
- Extremely durable when used on masonry or poured in place concrete under normal use
- Nonflammable, noncombustible, no toxic smoke when tested by Underwriters Laboratories (ASTM E 84) tunnel test
- Sanitary surface will not support fungus or bacteria
- Excellent resistance to moisture, heat, cold, steam, etc.
- Conforms to U.S. Federal Specification TTC 550C & Canadian Government Specifications Board Specification CGSB IGP 186
- Decorative value is protected by tough, non-yellowing, clear glaze
- Abrasion, chemical & stain resistant

TYPICAL USES:

- Institutional, industrial & commercial buildings
- Interior walls, ceilings & columns
- New or existing buildings
- Educational facilities, corridors, kitchens & locker rooms
- Manufacturing plants, water & wastewater treatment plants
- Healthcare facilities, hospitals & operating rooms

SYSTEM SPECIFICATION:

GLAZETITE™ as manufactured by Valspar shall consist of a body coat of GLAZETITE™ Type II Mastic and GLAZETITE™ Finish Coat as the topcoat.

LIMITATIONS:

- This product is not designed for exterior use, immersion, or any use where moisture can reach the underside of the flooring.
- Wood substrate not recommended due to dimensional instability.

TYPICAL PHYSICAL PROPERTIES:

<u>TYPE TEST</u>	<u>TEST METHOD</u>	<u>TYPICAL VALUE</u>
Scrubability	ASTM D-2486	No damaging effects
Water Vapor Transmission	ASTM E-96	3 perms
Moisture Resistance	ASTM D-570 Immersed	No absorption
Impact Resistance	Gardner Impact Tester	80 in•lb
Fire Resistance	ASTM E-84	Flame Spread Index 0 Smoke Development 3 Class "1" or "A" Rating
Pencil Hardness	ASTM D-3363	No scratch when subjected to std H hardness pencil

- Technical Data Sheets are updated periodically. To ensure the most current version is being used, visit Technical Resources on www.valsparflooring.com.
- Proper material application is the responsibility of the user. Site visits by Valspar personnel are for making technical recommendations only and not for supervising or providing quality control.
- Concrete should not exceed 3% moisture content by mass (ASTM D-183-76).
- Previously painted surfaces are subject to inspection and approval.
- Store material in a cool, dry area (55-90°F) away from direct sunlight, flame or other hazards.
- Do not apply over honeycombed or structurally unsound surfaces.
- Before applying for protection against specific chemical environments, consult Chemical Resistance Guide or Valspar Technical Service.
- If the product is to be applied in or near areas containing foodstuffs, they should be removed before the application and until the coating has fully cured and all vapors have dissipated.
- Do not thin these products. Addition of thinners will slow the cure and reduce the ultimate properties of the products. Critical recoat times will also be affected.

VALSPAR FLOORING

SURFACE PREPARATION:

- Check moisture by ASTM D-4263. This method is done by taping (2 inch duct tape) a 4 mil clear plastic sheet to the surface. The sheet can remain on the surface for 16-24 hours. After this duration, the plastic sheet should be removed and the underside checked for moisture. If condensation appears on the under side of the film or the concrete becomes visibly damp, the concrete is not dry enough to place the wall system.
- All substrates must be sound, clean, dry and free from all contaminants and form release agents.
- Surface should be checked for soundness and any “hollow” areas should be removed. All depressions or spalled areas and cracks should be prefilled.
- Concrete should have laitance removed by sanding, wire brushing and/or grinding.
- Surfaces should be thoroughly vacuumed to remove surface dirt and dust.
- Surface and air temperature must be a minimum of 55°F during installation and cure.
- Provide sufficient air movement to prevent condensation on surface during installation.

APPLICATION INFORMATION:

Material	Mix Ratio	Theoretical Coverage
Primer	Block Filler or Drywall Primer	As recommended
GLAZETITE™ Mastic	Single Component	80 sq.ft./gal
GLAZETITE™ Finish Coat	Single Component	275-300 sq.ft./gal

Priming:

- After suitable preparation has been completed, mask all surfaces that require protection. If cove base is present, mask appropriately. Make certain all areas are covered that could be damaged by overspray.
- For concrete block, brick, etc.: apply a foundation coat of block filler per manufacturers recommendations and allow to dry.
- For drywall or gypsum sheetrock: apply commercial drywall sealer per manufacturers recommendations and allow sealer to dry.

Body Coat:

- Mix the GLAZETITE™ Type II Mastic using a variable speed drill and Jiffy mixer. Mix for two minutes or until uniform, exercising caution not to introduce air into the material.
- For spraying, use 25-100 lbs. pot pressure, 50-60 lbs. fluid tip pressure.
- For airless, use .043 tip at 80 psi.
- Run passes from floor to ceiling.
- For roller application, use 1/2” nap roller.
- On smooth backings, use 3/8” nap roller.
- Allow Mastic to cure at least 16-24 hours, at 70°F. Lower temperatures will extend the curing time.

Topcoat:

- Mix the GLAZETITE™ Finish Coat using a variable speed drill and Jiffy mixer. Mix for two minutes or until uniform, exercising caution not to introduce air into the material.
- For spray application, use 35-40 lbs. pot pressure, 60-65 lbs. fluid tip pressure.
- For airless, use .021 or .023 tip at 80 psi.
- Spray two thin coats at the recommended coverage.
- For roller application, use a 3/8” nap roller.
- **Note:** Excess topcoat buildup can cause crazing.

CURE TIME:

At a cure temperature of 70°F, allow 24 hours before placing the system in service. For specified chemical resistance, allow 72 hours.

CLEAN UP:

Tools should be cleaned right away with solvents such Xylol or Xylene. Any cured or hard material can be removed with the use of PC-46 DRY EZE.

REFER TO MATERIAL SAFETY DATA SHEET FOR FURTHER SAFETY AND HANDLING INFORMATION.

See individual labels for more caution statements. KEEP OUT OF THE REACH OF CHILDREN.

DISPOSAL:

Dispose in accordance with federal, state, and local regulations. Use licensed hazardous waste company. Empty containers may contain product residue, including flammable or explosive vapors. Do not cut, puncture or weld on or near container. All label warnings must be observed until the container has been commercially cleaned or reconditioned.

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