



PERMA • CRETE®

A
Division
of Quality
Systems, Inc.

TROPIC • SET & TROPIC • GRIT MATRIX MIX

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PRODUCT DESCRIPTION

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Tropic•Set & Tropic•Grit Matrix Mixes are high early strength concrete compounds with a blend of special cements and additives. Available in 40#/18.2 kgs. bags; white only. Each bag should be mixed with 1 gallon of Matrix Bonding Additive for most applications.

USES

Bonds securely to unpainted concrete or masonry surfaces such as driveways, pool decks, tennis courts or vertical walls. May be used on various interior surfaces. Also used to repair cracked, chipped, spalled and broken concrete walks, curbs, loading docks, ramps, and cement tile roofs.

ADVANTAGES

Featheredges easily. Non-shrink, can be used in thickness of up to two full inches. Sets in 30 • 45 minutes at 80°F. Open to foot traffic in 12-24 hours, vehicular traffic in 48-72 hours. Design strength exceeds ASTM-C-387 for High Early Strength Concrete.

TECHNICAL DATA

NOTE: The only difference between Tropic-Set & Tropic-Grit Matrix is the addition of #16 grit, coarse sand to Tropic-Grit, a Matrix that's primarily used on building exteriors.

CHARACTERISTICS:

Color: White

Set Time: 45 Minutes

Horizontal Applications
Spread Rate: 100 Sq. Ft. – Skim Coat
(Per Bag)* 140 Sq. Ft. – Texture Coat
*Applies to smooth concrete

Vertical Applications
Spread Rate: 80 Sq. Ft. – Skim Coat
(Per Bag)* 80 Sq. Ft. – Texture Coat
*Applies to smooth foam

Mix: Cement/Additives

Solvent: Water

Wt. per Bag: 40lbs.

Compression: 24 Hrs., 2800psi

Compression: 28 Days, 5700psi

Flexural: 28 Days, 1835psi

Shrinkage: 28 Days, None

Storage: 40°-90°F Dry

NOTE: Perma-Crete® is approved and warranted for vertical applications on Masonry, Concrete, or ICF only, which are in accordance with ICC report ESR-1637, including architectural details which may be framed, sheathed, and covered with expanded polystyrene board or cement board.

PRODUCT APPLICATION

CONCRETE/MASONRY

Allow new concrete to cure at least 7 • 10 days. Old concrete surfaces must be solid. Holes, cracks, and spalled areas must be filled or patched.

PREPARATION

Surface must be clean, dry and free of dirt, grease, oil or substances which could affect adhesion. Non-porous surfaces should be etched with muriatic acid, rinsed thoroughly and allowed to dry.

APPLICATION

Apply generally when surface and air temperatures are above 75°F. Mix with Matrix Bonding Additive per instructions to a smooth consistency; let stand 3-5 minutes; remix, then apply. Parge low and pitted areas with a skim coat. Spray texture coat with air compressor and hopper gun. Hand trowel to the desired finish. Seal with two coats of Perma • Seal Clear or Stain Sealer.

CLEAN UP

Clean application tools and equipment with water periodically throughout the application.