

## Product Description

Rockrite® offers architects, builders and tile contractors a strong, water-durable tile base for tile counter top installations without the need for a plywood underlayment. Specifically a monolithic backer unit utilized to install ceramic, porcelain, natural stone and other tile-like materials upon kitchen and bath counter tops, bar tops, barbeques and other surfaces. After joints are treated, ceramic tile is applied using latex fortified mortar; Rockrite meets the standards of performance of a cement board and plywood system. Easy to score, snap, cutout and nail Rockrite will save up to 80% labor when compared to cement backer board-plywood underlayment system.

## Uses

Rockrite is designed for use as an interior or exterior substrate for ceramic tile, stone, slate or other similar surface systems on kitchen and bath counter tops, bar tops and barbeques.

**Sizes:** 48" x 25" x 1 ½", 48" x 25" x 3"

## Limitations

When using Rockrite in place of mortar bed, for under mounted sinks, see TCA handbook C511-02, plywood supports must be used. Maximum cabinet box width should not exceed 24" with supports at 16" o.c.. Positive uniform loads not to exceed 500 psf. Rockrite is unaffected by water but is not waterproof. Cantilever of Rockrite should not exceed 1" with out support. Rockrite is not recommended for use as a floor underlayment.

## Composition

Portland cement, EPS, polymer fiber, other additives and aggregates. Rockrite is a nail able, screw able backer board or underlayment panel which is composed of stable Portland cement, aggregates and reinforcements that have a significant ability to remain unaffected by prolonged exposure to moisture.

## Materials

- **Joint Reinforcement**

Use 2" wide polymer-coated alkali-resistant mesh tape.

- **Bonding Materials**

For joint treatment and to set facing material, use latex modified mortar. All mortars should comply with ANSI A118.1 or A118.4 standards.

- **Fasteners**

Galvanized roofing nails, 2 ½" long or Concrete Backer board screws 2 ¼" long. Nails should meet Federal Specifications #FF-N105B/type 2 style 20 or equivalent.

## Counter top applications

All cabinet bases should comply with local building code requirements and be designed to provide support with a maximum allowable deflection of 1/360 of the span under all intended loads. Cabinet base underlayment supports should not exceed 22" in length and 16" o.c. Fasten backer board to cabinet base every 6"- 8" o.c. on the edges and field where applicable. Tape joints and apply a setting bed of latex modified mortar to

the surface of the backer board using ¼” square notched trowel. Butter coat of latex modified mortar to tile and set. Drying time of 24 hours before grouting. Always follow current ANSI specifications and TCA guidelines for tile installations.

## Specifications

- **Delivery and storage of materials**

All materials shall be stored in an enclosed shelter providing protection from damage and exposure to the elements. **Warning:** Store all Rockrite panels flat with foam side up. Panels are heavy and can fall over causing serious injury or death. Do not move unless authorized.

- **Environmental conditions**

In cold weather and during Rockrite and tile installation, temperatures within the building shall be maintained within the range 40 to 100 degrees Fahrenheit. Adequate ventilation shall be provided during storage and installation to carry off excess moisture.

- **Safety**

Dust generated when high-speed cutting contains crystalline silica and EPS. Installers should wear protective mask while cutting.

- **Warning:** This product contains one or more chemicals known to the State of California to cause cancer with extended exposure.

- **Technical Data**

	Test Method	Results
Weight:		4.8 lbs. Per sq. ft.
Fastener Holding:	D1037	>135 lb.
Linear Variation with moisture change:	D1037	<.04
Flame Spread Smoke Development:	E84	0/0

## Contact Information

ROCKRITE® Industries, Ltd.  
7301 E Beverly Dr.  
Tucson, AZ 85710  
PH 520 437-4367  
FAX 520 721-6212

[sales@rockritetilebase.com](mailto:sales@rockritetilebase.com)