



QUICKET SAND SLURRY LEVELING/SLOPING POLYURETHANE

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION AND USES:

For deck and traffic coating applications
ERsystems® Quicket (Sand Slurry) is a water-catalyzed liquid applied membrane mixed with sand aggregate in a batch range of 1:1 to 2:1 (Sand to Quicket) to create a slurry mixture for low-lying areas or to repair or create slope.

TYPICAL PROPERTIES:

Property	Typical Value
Percent Solid: ASTM D2369	98% ± 2%
Viscosity:	6000 cps
Ultimate Elongation: ASTM D-412	600-700%
Ultimate Tensile Strength: ASTM D-412	700 psi
Tear Strength	130 pli
Weight/Gallon	9.7 ± 0.2 lbs.
VOC Content	11 g/l EPA Method 24
Shore A Hardness: ASTM D2240	60
12QATemperature Service Range	-50°F (-45.6°C) to 200°F (93.3°C)
Flash Point	>150°F (65.5°C)
Pot life after mixing	15-25 minutes
** The shelf life for an unopened container stored at temperatures between 60°F (15.6°C) and 85°F (29.4°C) is 6 months from date of manufacture. Store out of direct sunlight in a cool, well-ventilated area. Avoid storing container directly on the floor or against an outside wall	

PACKAGING:

- 2.5-gallon Pail

Limitations:

- QUICKET is not UV Stable. A topcoat is required to protect against UV exposure.
- QUICKET must be water cured. It cannot be applied directly from the packaged unit.
- POT LIFE:** 15–25-minutes
- Do not under add the required of water.**

SURFACE PREPARATION:

- All roof and deck surfaces that are to receive QUICKET shall be free of contamination such as water, curing compounds, paints, bond-breakers, hardeners, and existing coatings.
- Repair cracks, spalls, joints etc. where applicable prior to installing QUICKET.
- Apply Primer where required.
Note: QUICKET is not UV stable. A Topcoat or traffic coating is required to provide UV protection and wear protection.

APPLICATION: PEDESTRIAN TRAFFIC DECK SLOPING (QUICKET + Water + Sand)

Over New Plywood:

QUICKET is used for sloping applications on decks where ponding is an issue. QUICKET should be mixed with water prior to combining sand using a mortar style mixer at low RPM. Use #30 or #1/20 mesh size aggregate.

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The order of mixing should be done with the following steps:

- Mix QUICKET + 10% Water by volume for 2 minutes.
- Using a large, corded drill (Typically 7.5-amp min to 13 amp) add aggregate (Dry Sand) 1:1 to 2:1 to the QUICKET and Water mixture.
- Mix for 3 - 5 minutes at low RPM.

(Consult the QUICKET/Water/Sand Volume Chart on page 3 for additional information).

Over Concrete, Urethane Traffic Coatings or Metal:

For applying QUICKET to Concrete, Metal, or existing Urethane Traffic Coatings, prime the substrate with ELASTO-POXY PRIMER (VOC) at a coverage rate of 200-250 sq. ft. per gallon on rough surfaces and at 300 sq.ft. per gallon on smooth surfaces with a light sand broadcast and back roll of #1/20 mesh dry sand. The surface that has been coated with ELASTO-POXY PRIMER (VOC) should be coated over after a 2–3-hour cure, not to exceed 8

hours (*Dependent on weather Primer may cure faster or slower and should be Tacky and not wet).

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3. Mix for 3 - 5 minutes at low RPM.

[Caution!! Do not mix aggregate in excess to what has been suggested. You could achieve a dry mix and your polymer mortar strength may be poor].

(Consult the QUICKET/Water/Sand Volume Chart on page 3 for additional information).

QUICKET shall be applied onto the surface with a flat trowel, using downward pressure, distribute material to desired thickness or slope (**Tools should be "slicked" periodically with Xylene or exempt solvent (Acetone) during this process**) Use a smooth trowel to level or slope QUICKET. Apply in ½" thick maximum lifts. Allow for a 16–24-hour cure time prior to applying additional coats. Cure times will vary depending on thickness as well as the local climate where the product is used.

TEMPERATURE CONSTRAINTS:

The substrate temperature range for application is 40°F (4.5°C) – 120°F (48.9°C).

LIMITATION:

15–25-minute Pot life once mixed.

Do not under add the required water ratio of 32 oz. / 2.5-gallon QUICKET.

STORAGE:

Store dry, out of direct sunlight at 40°F –85°F (4°C –29.4 °C).

Condition material to 65–85°F (18–29.4 °C) before using.

CLEAN UP:

Upon completion of the application tools, hoses, and equipment can be cleaned with acetone or other solvent allowed by your local environmental regulations.

CAUTION!!!!

- **Skin Contact:** In case of contact, wash with soap and water. If irritation persists, seek medical attention. Skin contact can result in dryness and Dermatitis.
- **Eye contact:** Can result in chemical burns and irritation. In case of contact wash with cold water for at least 15 minutes, with Eyelid wide open. Get medical help immediately.
- **Inhalation:** May cause nausea, dizziness, coughing and/or respiratory irritation. Overexposure may result in allergic respiratory irritation resulting in asthma-like condition. In case of inhalation, remove person to fresh air. If breathing becomes difficult, provide artificial respiration. Get medical attention immediately. Do not give anything by mouth to an unconscious individual.
- **Ingestion:** Do not ingest. Ingestion can cause irritation. and possible corrosive action in the mouth and stomach tissue. Get medical attention immediately if ingested.
- **Proposition 65 Warning:** This product contains one or more chemicals known to the state of California to cause cancer, birth defects, and/or other reproductive harm.
- **Caution:** Use only with adequate ventilation.
Keep out of reach of children.
Condition QUICKET between 65°F-75°F minimum before using.

PRIOR TO USE OF THIS MATERIAL,
READ ALL APPROPRIATE SAFETY DATA SHEETS

Complete technical information is available from
Holcim Solutions and Products US, LLC

PRODUCT WARRANTY:

INSTALL AS DIRECTED ON PACIFIC POLYMERS® PRODUCT DATA SHEET. USER DETERMINES SUITABILITY FOR INTENDED USE AND ASSUMES ALL RISK AND LIABILITY. THIS PRODUCT IS SOLD "AS IS." EXCEPT AS REQUIRED BY LAW, THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IF TERMS ARE NOT ACCEPTABLE, RETURN UNOPENED PRODUCT TO PLACE OF PURCHASE. DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THESE PRODUCTS.

Sand Slurry Batch Ratio Chart- QUICKET / WATER/ SAND

QUICKET	WATER	SAND #20 or #30 Clean Dry Aggregate
Quart	4 oz.	1 to 2 Quarts Sand by Volume
.5 Gallon	7-8 oz.	.5 to 1 Gallon Sand by Volume
1 Gallon	14-16 oz.	1 to 2 Gallon Sand by Volume

Mix materials using a Large Corded Drill with a Mortar style Mixer in their proper order at low RPM's.