



QUICKET

LIQUID APPLIED LEVELING POLYURETHANE

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION AND USES:

ERSystems® QUICKET is a water catalyzed liquid applied leveling polyurethane designed pourable sealant for roof systems or with the addition of sand as a sloping material for building crickets and correcting deck ponding issues.

TYPICAL PROPERTIES:

Property	Typical Value
Percent Solid: ASTM D2369	92% ± 2%
Viscosity:	3800-4800 cps
Ultimate Elongation: ASTM D-412	600-700%
Ultimate Tensile Strength: ASTM D- 412	700 psi
Tear Strength	130 pli
Abrasion Resistance ASTM D-460	CS17 Wheel 1000 grams 100 cycles
Water Absorption ASTM D570	.04%
Weight/Gallon	9.6 ± .2 lbs.
VOC Content	11 g/l EPA Method 24
Shore A Hardness: ASTM D2240	60
Temperature Service Range	-50°F (-45.6°C) to 200°F (93.3°C)
Flash Point	120°F (48.9°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 95°F (35°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

SURFACE PREPARATION:

- All roof surfaces that are to receive QUICKET shall be free of contamination such as water, curing compounds, paints, bond-breakers, hardeners and existing coatings.

APPLICATION: ROOFING

Note: Prior to application an adhesion tests may be required.

Add 1- Quart (32 oz.) of fresh cool water into the QUICKET 2.5 gallon pail and mix thoroughly using a jiffy mixer at low R.P.M. Apply product immediately after mixing; pot life is 15-25 minutes. Generally, QUICKET should be allowed to cure a minimum of 2 hours before recoating.

- Note: QUICKET is not UV stable. A finish coating system is required for UV protection.

APPLICATION: DECK SLOPING

Over New Plywood:

QUICKET is also used for sloping applications on decks where ponding is an issue. Prior to application, QUICKET should be mixed prior to combining sand and water using a jiffy mixer at low R.P.M. until thoroughly mixed. QUICKET is then mixed (**In the order of: QUICKET, Water then Sand**) with 10% water by volume (Of the entire batch mixture, including sand and QUICKET) using a jiffy mixer at low R.P.M. for 2 minutes, then mix with a 50/50 blend of #0/30 & #1/20 mesh dry sand and blend for 3-5 minutes. Typical mixing ratio is 1 part QUICKET to 3 parts sand (By Volume) and 10% water (by QUICKET/Sand Volume-See Chart).

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. Up to 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 hours cure, not to exceed 8 hours (*Dependent on weather Primer may cure faster or slower and should be Tacky and not wet). Prior to application, QUICKET should be mixed prior to combining sand and water using a jiffy mixer at low R.P.M. until thoroughly mixed. QUICKET is then mixed (**In the order of: QUICKET, then Water, then Sand**) with 10% water by volume (Of the entire batch mixture including sand and QUICKET) using a jiffy mixer at low R.P.M. for 2 minutes,

then mix with a 50/50 blend of #0/30 & #1/20 mesh dry sand. Blend for 3-5 minutes. Typical mixing ratio is 1 part QUICKET to 3 parts sand (By Volume) and 10% water (QUICKET/Sand Volume-See Chart).

- **Caution!!** Mixing a larger ratio of aggregate to binder can result in a mixture with poor binding strength.

(See batch chart on page 2)

QUICKET shall be applied onto the surface with a 1/4" notch 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 finish profile of slope. Apply in 1/2" thick maximum lifts. Generally, 24 hours is required to allow material to cure, prior to coating. Cure times will vary depending thickness as well as local climate where the product is used. QUICKET/Water/Sand Volume-See Chart on page 3).

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.

STORAGE:

Store dry, out of direct sunlight at 40–95°F (4–35 °C). Condition material to 65–85°F (18–30 °C) before using.

CLEAN UP:

Upon completion of the application all tools, hoses, and equipment must be cleaned with acetone or other exempt solvent.

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:** QUICKET is a combustible Liquid Mixture. Use only with adequate ventilation.
Keep out of reach of children.

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

Complete technical information is available from
ITW Polymers Sealants North America, Inc.

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Roof Sloping Coverage Chart - 2.5 Gallon Pail- QUICKET / WATER

QUICKET (Gallons/ Liters)	WATER (Gallons/ Liters)	Batch Yield (Coverage)
2.5 Gal / 9.4 L	32 oz. / .946 L	14-15 sqft at ¼"
		7-7.5 sqft at ½"
		3.5-3.75 sqft at 1"

Deck Sloping Batch Ratio Chart- QUICKET / SAND/ WATER

Batch Size (Gallons/ Liters)	QUICKET (Gallons/ Liters)	SAND (Gallons/ Liters)	WATER (Gallons/ Liters)	Batch Yield (Coverage)
2 gallons / 7.5 liters	0.5 Gal / 1.89 L	1.5 Gal / 5.6 L	0.2 Gal / 0.76 L	2.5-3 sqft at ¼"
4 gallons / 15 liters	1 Gal / 3.79 L	3 Gal / 11.4 L	0.4 Gal / 1.51 L	5-6 sqft at ¼"
5 gallons / 18.9 liters	1.25 Gal / 4.73 L	3.75 Gal / 14.2 L	0.5 Gal / 1.89 L	6.5-7.5 sqft at ¼"
6 gallons / 25 liters	1.5 Gal / 5.7 L	4.5 Gal / 17 L	0.6 Gal / 2.27 L	9-10 sqft at ¼"
8 gallons / 30 liters	2 Gal / 7.57 L	6 Gal / 22.7 L	1.8 Gal / 3.03 L	11-12 sqft at ¼"
10 gallons / 37.8 liters	2.5 Gal / 9.46 L	7.5 Gal / 28.4 L	1 Gal / 3.79 L	14-15 sqft at ¼"

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