



QUICKET

LIQUID APPLIED SELF-LEVELING POLYURETHANE

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION AND USES:

ERsystems® Quicket is two component liquid applied self-leveling polyurethane designed for building crickets as well as a pourable sealant for roof systems. .

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

TYPICAL PROPERTIES:

Property	Typical Value
Percent Solid :ASTM D-412	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
Mixing Ratio	2.5 gallons Quicket to .95 quarts (30 .oz.) Quicket Activator
Shelf Stability	6 months @ (75°F/23.9°C) @ 50% R.H.)

PACKAGING:

- Packaging is standard 2.5 gallon pails with pre-measured Quicket Activator.

SURFACE PREPARATION:

- All 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

Prior to application, Adhesion tests may be required. Pour Quicket activator into Quicket and mix thoroughly using a jiffy mixer at low R.P.M Apply product immediately after mixing; pot life roughly 15-25 minutes. Generally Quicket should be allow to cure minimum of 2 hours before recoating.

APPLICATION: DECK SLOPING

QUICKET is also used for sloping applications on flat decks where ponding becomes an issue.

Prior to application, QUICKET is mixed with 10% water by volume (Of the entire batch mixture including sand and QUICKET) using a jiffy mixer at low R.P.M.'s for roughly 2 minutes and then mixed 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 (by QUICKET/Sand Volume-See Chart). Caution!! Mixing larger ratio of aggregate to binder ratio can result to poor binding strength.

(See batch chart on page 2)

QUICKET shall be applied to the primed (if necessary) surface with a 1/4" notch trowel, use downward pressure, distribute material to desired thickness or slope.

Use a smooth trowel to finish profile of slope. Apply in ½" 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.

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:

Prevent from freezing.

CLEAN UP:

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

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

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

Deck Sloping Batch Chart

Quicket + Sand + Water

Total Batch (Gallon/ Liters)	QUICKET Quantity (Gallons/Liters)	Sand Quantity (Gallons/Liters)	Water Quantity (Gallons/Liters)
2.2 Gal / 8.33 L	0.5 Gal / 1.89 L	1.5 Gal / 5.68 L	0.2 Gal / 0.76 L
4.4 Gal / 16.7 L	1 Gal / 3.79 L	3 Gal / 11.36 L	0.4 Gal / 1.51 L
5.5 Gal / 20.82 L	1.25 Gal / 4.73 L	3.75 Gal / 14.2	0.5 Gal / 1.89 L
6.6 Gal / 25.0 L	1.5 Gal / 5.68 L	4.5 Gal / 17.03 L	0.6 Gal / 2.27 L
8.8 Gal / 33.31 L	2 Gal / 7.57 L	6 Gal / 22.71 L	0.8 Gal / 3.03 L
11 Gal / 41.64 L	2.5 Gal / 9.46 L	7.5 Gal / 28.39 L	1 Gal / 3.79 L
Mix using a Jiffy Mixer at low RPM's for 2 minutes following a Batch size from the above Table			