



Proflex® Flexible Epoxy Quantity Calculation

As used in a mortar mix; use 3 – 4 volume of (sand-aggregate) to 1 volume of Proflex Liquid Epoxy.

Based on 1/4" thickness, 1 gallon of Proflex Liquid Epoxy would be:

$$1 \text{ sq.ft. @ } \frac{1}{4}'' = \left\{ \frac{\frac{1}{4}''}{12} \right\} \times 1' \times 1' = 0.02083333 \text{ cu.ft. of mortar mix}$$

Convert cu.ft. to gallon.

Use conversions: 1 US gal. = 0.1337 cu.ft.

$$1 \text{ sq.ft. @ } \frac{1}{4}'' = \left\{ \frac{(0.02083333 \text{ cu.ft.})}{(0.1337)} \right\} = 0.155821 \text{ gal. of mortar mix}$$

Using 3 parts aggregate and 1 part Proflex Liquid Epoxy, cut the above mortar mix by 1/4, hence:

$$1 \text{ sq.ft. @ } \frac{1}{4}'' = \left\{ \frac{0.155821 \text{ gal. of mortar mix}}{4} \right\} = 0.038955 \text{ gal. Proflex}$$

Or 1 gal. Proflex
with 3 part aggregate
@ 1/4" will cover

$$= \left\{ \frac{1}{0.038955} \right\} = 25 \text{ sq.ft.}$$

Reduce by 30% for roughness factor = 0.7 X 25 = **18 sq.ft. / gal. @ 1/4"**

Mortar Thickness	Proflex Ratio to Aggregate	sq.ft. coverage / gal.
1/4"	1:3	18 sq.ft./gal.
1/4"	1:4	22 sq.ft./gal.
1/4"	1:5	27 sq.ft./gal.

Note: for 1/8" multiply by 2, for 1/2" divide by 4