



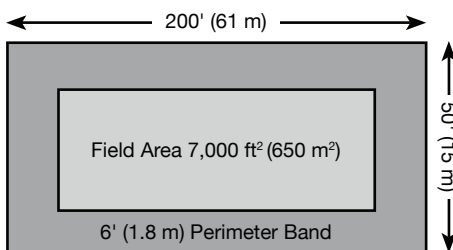
Dow Building and Construction

E-Z Estimating Guide For INSTA STIK™ Quik Set Commercial Roofing Adhesive

This estimating guide has been designed to help you quickly and accurately estimate the quantity of INSTA STIK™ Quik Set Commercial Roofing Adhesive needed for your roof.

You should first determine the application rate based on building height and parapet wall height. (Refer to “Installation Procedures for INSTA STIK™ Quik Set Commercial Roofing Adhesive,” form number 179-05053/178-00584.)

This estimating guide is for roofs without Factory Mutual related requirements. For roofs with FM wind uplift requirements, please call Dow technical support at 1-866-583-BLUE (2583) to get the application rate and amount recommendations.



For Estimate Only

Using the recommended application rate for both the field area and perimeter band area, you can then determine an estimated yield per tank of INSTA STIK™ Quik Set Adhesive.

Example: You plan to install one layer of 1.5” (38 mm) polyisocyanurate insulation to a concrete roof deck. The building height is 33’ (10 m). A parapet wall is 22” (56 cm) on all four sides. Building dimension: 200’ (61 m) long x 50’ (15 m) wide (total of 10,000 ft² [929 m²]).

To determine number of tanks needed for perimeter band area:

1. Add length of each wall. Example: 200’ + 200’ + 50’ + 50’ = 500’ (61 m + 61 m + 15 m + 15 m = 152 m)
2. Multiply this total by width of perimeter band. Example: 500’ x 6’ = 3,000 ft² (152 m x 1.8 m = 279 m²)

3. Divide by application rate (square footage) for perimeter band. Example: 3,000 (279) ÷ 400 (37) (rate of 6” [152 mm] o.c.) = 7.5 tanks for the 6’ (1.8 m) perimeter band

To determine number of tanks needed for field area:

4. Subtract perimeter band area (3,000 ft² [279 m²]) from total building area (10,000 ft² [929 m²]). Example: 10,000 - 3,000 = 7,000 ft² (929 - 279 = 650 m²)
5. Divide by application rate (square footage) for field area. Example: 7,000 (650) ÷ 800 (74) (rate of 12” [305 mm] o.c.) = 8.75 tanks for the field area

Total:
Example: 7.5 tanks + 8.75 tanks = 16.25 x 1.1 (10% waste factor or extra measure) = 17.87. Round up to 18 tanks. This is the amount you should buy for this job.

Note: This estimate is for one layer. Each additional layer would require 18 tanks.

APPLICATION RATE' IN (MM) O.C.	ESTIMATED YIELD PER TANK FT² (M²)
6 (152)	400 (37)
9 (228)	600 (56)
12 (305)**	800 (74)

* For recommended application rates, consult Form No. 179-05053/178-00584.
** Recommended for metal decks and boards >4' wide.

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1-866-583-BLUE (2583) (English)

1-800-363-6210 (French)

For Sales Information:

1-800-232-2436 (English)

1-800-565-1255 (French)

dowbuildingsolutions.com

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CAUTION: When cured, these products are combustible and will burn if exposed to open flame or sparks from high-energy sources. Do not expose to temperatures above 240°F (116°C). For more information, consult (Material) Safety Data Sheet ((M)SDS), call Dow at 1-866-583-BLUE (2583) or contact your local building inspector. In an emergency, call 1-989-636-4400 in the U.S. or 1-519-339-3711 in Canada. The blowing agent contained within this product can exhibit vapor flame limits under the right conditions. If specific operating conditions are such that concentrations of the blowing agent above the lower flammable limit can accumulate in areas with high relative humidity and in the presence of high-energy electrical discharges or other ignition sources, additional measures such as increased ventilation or coded electrical equipment (class one, division two) may be warranted. DO NOT SMOKE DURING USE. DO NOT USE NEAR ANY OPEN FLAME OR ELECTRICAL SOURCE. OUTDOOR USE ONLY. INDOOR USE INCREASES LIKELIHOOD OF IGNITABLE CONDITIONS. INSTA STIK™ Quik Set Commercial Roofing Adhesive contains isocyanate and a blowing agent. Read the label and (Material) Safety Data Sheet ((M)SDS) carefully before use. Wear gloves, and goggles or safety glasses. Provide adequate ventilation or wear proper respiratory protection. Contents under pressure. For outside use only.

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