

SQUEEGEE/RAKE REFERENCE GUIDE

The squeegee rates on this sheet are only estimates. Several factors can affect the application rates including:



- 1) temperature can change the viscosity of the material
- 2) length of handle or height of person applying the material can change angle of use.
- 3) pressure applied can change the angle of configuration of the teeth.
- 4) speed of travel across surface will change amount of material left.
- 5) teeth will wear down over time, depending on type of rubber and roughness of surface.

ALWAYS CHECK COVERAGE RATES AT START AND DURING APPLICATION. CHANGE TO NEW SQUEEGEE WHEN OLD ONE IS WORN TOO THIN FOR PROPER COVERAGE RATE (500-1500 sq ft each, is average life span)

V-NOTCH (serrated squeegee) SPREAD RATES

NOTCH SIZE (inches)	SPREAD RATE (MILS)	SPREAD RATE (per gal)
1/2	125	Slurry Mix 50-60 sf/mix 301-SL
3/8	30-35	45-50 sf/gal
1/4	20-28	60-80 sf/gal
3/16	15-20	80-100 sf/gal
1/8	8-12	133-200 sf/gal

SQUEEGEE MATERIALS

There are 2 main types of rubber used for squeegees. Each one has different properties.

1. **EDPM** – light gray rubber (also used for roofing). These do not flex or bend. EDPM is used for our gray 18” notched squeegees. These should primarily be used for pushing the material, to get even coverage.
2. **NEOPRENE**- comes in a variety of colors, usually black or gray. This is a softer rubber, and is used for window squeegees. It flexes and bends to fit contours, and may be pushed or pulled.

Note: in the field, for emergency situations, where the right size notch is not available. notches may be cut down in size, to reduce coating thickness (or even cut v notches into flat squeegee). This may be done with sharp razor knife. * This requires some skill and experience

POPULAR BRANDS

EZ Squeegee Brand (by Midwest rake)

Available in 18” or 24” frame lengths, with refillable blades.

18” recommended for renovation projects. 24” may be used for new flat concrete

Flat

5-7 mil	25-30 mil
8-12 mil	45-50 mil
15-20 mil	50-60 mil

Cam Rake (by Midwest Rake)

Metal Rake, with replacement metal cams (to set thickness)

#2 cam= 1/8 inch

#3 cam= 3/16 inch

#4 cam = 1/4 inch

Other brands are available. PumaCRETE stocks a wide range of squeegees and rakes.