



**ROCK-TRED QUICK REFERENCE GUIDE
ESTIMATING INFORMATION FOR HAND TROWELED COVE BASE**

Cove/Cant Base Size	Approx. Pounds of Aggregate per LF
3" Face, Cant	2.0 lbs.
2" Face, Cant	1.5 lbs.
1" Face, Cant	1.0 lbs.
"Spoon" Cove	.5 lbs.
4" Tall, Radius Cove	1.5 lbs.
6" Tall, Radius Cove	2.0 lbs.
Binder Resin	Ratio of Epoxy to Aggregate
Solid Color Cove/Cant = Poxi-Rock Flooring	Approx. ¾ gallon mixed epoxy to 50 lbs. of aggregate
Decorative Granite-Rock = Chem-Rock LV	Approx. ¾ gallon mixed epoxy to 50 lbs. of aggregate
Top Coat over Troweled Cove	Approximate Yield
Solid Color Cove/Cant = 1 coat of Poxi-Rock Dressing <u>OR</u> 1-2 coats Chem-Rock MV or HV Decorative Cove/Cant = 1-2 clear coats of Chem-Rock LV, MV, HV or UV	Approximately 200-250 LF per gallon per coat over 4"-6" cove and <u>OR</u> 300-350 linear feet per coat over 1"- 3" face cant or over spoon cove

General recommendations for estimating and installing hand troweled epoxy base

- Factor in a “wet-prime” of the recommended binder material onto the substrate to receive base.
- For easier application of 4” and higher cove base, a light broadcast of small quartz aggregate, such as Rock-Tred’s PCA 322 or 329, may be broadcast into the wet primer as it “tacks off”. This added texture will help the vertical troweled cove “hang” on the substrate.
- For easier troweling, Rock-Tred’s PCA341-1 Glass Beads can be added into the binder resin at approximately 12-16 oz. per $\frac{3}{4}$ gallon of mixed epoxy. Once mixed, the glass bead and resin are then mixed with the normally recommended amount of either natural or colored quartz aggregates.
- Use a solvent such as MEK or Xylene to “butter” your cove trowel as you apply the cove base.
- If required, epoxy base mortar can be pre-pigmented with Rock-Tred colorants at a ratio of approximately 5-6 oz. Rock-Tred Colorant per $\frac{3}{4}$ gallon mixed binder resin. Strong colors such as any Gray, Brown, Black and Tile Red work best.
- If using Termination Strips, fasten stripes mechanically to the substrate, or adhere by using Rock-Tred’s RQP epoxy paste.
- Vertical and horizontal substrates must be clean, prepared and structurally sound and stable (without any flexibility) or the troweled epoxy base will crack. Concrete, CMU, plywood, drywall and cement board are the preferred substrate. Special preparation may be required to install cove base against FRP, metal cooler/freezer panels, etc.
- Epoxy base is typically installed prior to the floor installation begins so the epoxy flooring system can be installed flush to the bottom termination of the base and the finish coats can be applied to both the epoxy base and epoxy floor at the same time.