

Transfer Efficiency Cost Per Coat

Shows the per square foot cost of a coat of finish based on Transfer Efficiency and application rate

This chart is to help calculate you cost of material per square foot per coat.

- HVLP sprayguns have a TE (Transfer Efficiency) of about 65%
- Air Assisted Airless sprayguns have a TE of about 80%
- Conventional sprayguns have a TE of about 40%.

The 2 charts represent 2 different application rates.

- The 3 wet mils table is typically used for waterbased finishes which are usually applied in a lighter coat.
- The 5 wet mils table is typically used for solvent based finishes which are usually applied in a heavier coat

CHART – 19 Material Cost per Square Foot per Coat

Sq Ft Cost= \$ PER GALLON / Sq Ft Coverage

Finish is applied at 3 wet mils

	80% TE	65% TE	40% TE
\$ PER GALLON	SQ FT COST PER COAT	SQ FT COST PER COAT	SQ FT COST PER COAT
\$20	\$0.05	\$0.06	\$0.09
\$23	\$0.055	\$0.07	\$0.11
\$25	\$0.06	\$0.075	\$0.12
\$28	\$0.07	\$0.08	\$0.13
\$30	\$0.075	\$0.09	\$0.14
\$33	\$0.08	\$0.095	\$0.15
\$35	\$0.085	\$0.10	\$0.16
\$38	\$0.09	\$0.11	\$0.18
\$40	\$0.10	\$0.115	\$0.19
\$43	\$0.105	\$0.12	\$0.20
\$45	\$0.11	\$0.13	\$0.21
\$48	\$0.115	\$0.14	\$0.22
\$50	\$0.12	\$0.145	\$0.23

Finish is applied at 5 wet mils

	80% TE	65% TE	40% TE
\$ PER GALLON	SQ FT COST PER COAT	SQ FT COST PER COAT	SQ FT COST PER COAT
\$20	\$0.08	\$0.10	\$0.16
\$23	\$0.09	\$0.11	\$0.18
\$25	\$0.10	\$0.12	\$0.20
\$28	\$0.11	\$0.13	\$0.22
\$30	\$0.12	\$0.14	\$0.23
\$33	\$0.13	\$0.16	\$0.26
\$35	\$0.14	\$0.17	\$0.27
\$38	\$0.15	\$0.18	\$0.30
\$40	\$0.16	\$0.19	\$0.30
\$43	\$0.17	\$0.21	\$0.34
\$45	\$0.18	\$0.22	\$0.35
\$48	\$0.19	\$0.23	\$0.38
\$50	\$0.20	\$0.24	\$0.39