Kor-Chem Emulsion Remover Dilution Cheat Sheet

ER-1-2-5, ER-130, ER-160, ER-190, TigerStrip 200 and ER-Powder: ratios, yields and what each removes.

Emulsion removers (Kor-Chem TDS)				
Product	**Dilution (chemical : water)**	**Yield examples**	**Removes**	**Special**
ER-1-2-5	1:2 to 1:5	1 qt = 0.8 gal (1:2), 1.5 gal (1:5)	Emulsions, capillary films	Built-in degreaser; spray or wipe-on
ER-130	As supplied to 1:30	1 qt = 2.8 gal (1:10), 7.8 gal (1:30)	Diazo, photopolymer, capillary film	Spray, sponge, pad, pump; pH 4-5
ER-160	As supplied to 1:60	1 qt = 5.3 gal (1:20), 15.3 gal (1:60)	Standard, dual-cure, capillary film	Non-foaming; automatic reclaimers
ER-190	1:45 to 1:90	8 oz = 2.9 gal (1:45), 5.7 gal (1:90)	Emulsions, capillary films	Built-in degreaser; 1 gal makes up to 91 gal
TigerStrip 200	Up to 1:20	1 qt = 1.5 gal (1:5), 5.3 gal (1:20)	Direct, dual-cure, diazo, photopolymer, film	Non-foaming; TigerClean machines
ER-Powder	1.5-3 oz/gal standard; 4-6 oz/gal extra	2 lb = 21.3 gal (1.5 oz/gal)	Emulsions, capillary films	Powder, no odor; strong oxidizer

Common to all (TDS)	
VOC	0% by weight, not flammable
Mixing	Plastic container only; do not mix with other chemicals
Dwell	30 seconds to 3 minutes by emulsion type (ER-190); up to 3 minutes (ER-130, ER-160, ER-1-2-5); 1-3 minutes (ER-Powder)
Rinse and dry	Medium to high pressure cold rinse, final rinse, dry completely before recoating
Hard emulsions	Apply to both sides
Formula	Gallons of solution = concentrate gallons x (1 + water parts)

Source: Kor-Chem TDS for 01484, 01453, 01647, 01486, 01655, 01483 (kor-chem.com). Strength depends on emulsion type and hardness; test first. Maker data sheets govern. Calculator: use the Buckets of Ink Kor-Chem emulsion remover dilution calculator. Maker pricing intentionally not shown.