



## Ristoff© C-8 Solder mask stripper

technical data

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### C-8: Introduction

Regardless of board design, density or coating thickness, C-8 removes all fully cured, aqueous developable L.P.I.S.M and traditional UV curable solder masks from p.c.b.'s.

C-8 can save board producers thousands of Euro's in what would have been lost production, re-make costs and missed delivery schedules. It does not attack copper and Sn(Pb) surfaces

C-8 can also be used (several times) diluted as a cleaner for resist stripping and ink developer equipment.

### C-8: What's different about it

- Alkaline based double concentrate.
- Dissolves the solder mask within the stripping solution-100% THERE ARE NO RESIDUES.  
(In case of soldermasks that are difficult to remove, brushing is recommended to minimise contact time).
- C-8 doesn't attack base laminates, boards are left in a condition to be cleaned using standard practises and then re-coated.
- Tested soldermask with good result:
  - Coates-Imagecure range
  - Probimer 77
  - Electra-Carapace
  - Taiyo-PSR series
  - Tamura-DSR series
  - Lackwerke Peters-Elpemer

**⇒All successfully processed through C-8**

## **Operating data:**

Make up: 50% with DI water (C-8 will not work at 100% concentration).

Temperature: 50-60°C (C-8 will not work at room temperature)

Processing time: 45-180 minutes

Solution maintenance: Replenish with 50% C-8/DI water (not just C-8 concentrate)

**Equipment:** Tanks: Stainless Steel, polypropylene  
Heaters: Stainless Steel with thermostatic control

## **Establishing the correct processing times:**

- Guillotine 3-4 coupons from a typical production panel (100mmx50mm)
- Make up 1LTR of working solution and heat on a hot plate to 60°C (optimum)
- Immerse the coupons and remove one at 30-45 minute intervals, rinsing immediately under running cold water.

\*After processing each coupon inspect for residues (get your own QC department to do this) then select the appropriate processing time (middle-ground).

## Operating conditions:

	Time	Temperature [°C]	Ristoff C-8 [%]
Soldermask stripper	30-90 min	55 - 65	50
Developer equipment cleaner	12 hrs	50 - 60	25
Resist stripper equipment cleaner	8 hrs	40 - 60	10

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