

Electrolyte C+

Red-coloured electrolyte for ultra-fast electrochemical cleaning, polishing and passivation of stainless steel surfaces and TIG/MIG weld seams.

AREA OF APPLICATION

Removal of discolouration in the area of stainless steel TIG/MIG weld seams and heat-affected zones.
Polishing of stainless steel TIG/MIG weld seams and surfaces.
A metallically/chemically pure surface is achieved in the application area.

APPLICATION

Using a BYMAT cleaning device and a handle with a carbon fibre brush, the carbon fibre brush soaked in Electrolyte C is brushed over the contaminated areas or areas to be polished.
The oxides are electrochemically dissolved and removed. The oxides are electrochemically dissolved and removed.
Caution: Weld seams and heat-affected zones must be cooled before treatment.

YIELD

Depends on the condition and dimensions of the weld seam or surface to be treated.

ACTION TIME

No action time; cleaning and reactivation of the passive layer takes place immediately.
Depends on material quality, welding process and component and ambient temperature.
The optimum cleaning and polishing temperature is 18°C - 22°C.

RINSING

Spray BYMAT-Neutralyt (item no. 2211 NT) onto the previously cleaned stainless steel surface and wipe off with a lint-free cloth. Then rinse with cold deionised water until the rinse water running off is neutral (check with indicator paper).

PASSIVE LAYER

The passive layer reactivates immediately after electrochemical cleaning or polishing.

AFTER-TREATMENT

No after-treatment is necessary.

DISPOSAL

Do not allow the product or rinse water to enter the sewage system!
The product and rinse water must be disposed of as hazardous waste.
Treatment via neutralisation plant or disposal by an approved company.
Observe local regulations!

NOTES

Product contains phosphoric acid. Observe safety instructions and advice in the EC safety data sheet.

TRANSPORT INFORMATION

UN number: 1805, PHOSPHORIC ACID, SOLUTION, Class 8, VPG III (E)
LQ up to 5 litres

CONTAINER SIZES

1 litre plastic bottle	Item no.: 2040 DC
5 litre plastic canister	Item no.: 2045 DC