

Electrolyte B

Transparent electrolyte for electrochemical cleaning and passivation of stainless steel surfaces and TIG weld seams.

AREA OF APPLICATION

Removal of discolouration in the area of stainless steel TIG weld seams and heat-affected zones.
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 B is brushed over the contaminated areas. The oxides are dissolved electrochemically 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.

AFTER-TREATMENT

No after-treatment is necessary.
For subsequent care, treat the stainless steel surface with BYMAT Stainless Steel Care Spray (item no. 5400 PO).

DISPOSAL

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

NOTES

The product contains sulphuric acid.
Observe the safety instructions and advice in the EC safety data sheet!

TRANSPORT INFORMATION

This product is not regulated for transport (ADR/RID, IMDG, IATA).

CONTAINER SIZES

1 litre plastic bottle	Item no.: 2011 DB
5 litre plastic canister	Item no.: 2015 DB