

CONDURSAL Z1100

Solvent base protective lacquer
against oxidation / scaling

List for Troubleshooting

Preface

CONDURON Z1100 can be applied to the parts to be protected as a low viscosity paint. It is recommended to stir CONDURSAL Z1100 thoroughly prior to use; **just shaking the tin will not provide satisfactory homogenisation!**

To provide proper adherence of the paint to the steel surface, it is important to clean and degrease the parts to be coated thoroughly, to use soft brushes, to apply a coating of uniform thickness and **to allow the coating to thoroughly dry** before the coated parts are put into the furnace.

For cases where in spite of proper usage according to the CONDURSAL Z1100 leaflet poor protection or other trouble is noted, please find listed below the possible defects, the reason why they can occur and the way how to avoid them.

TROUBLE	POSSIBLE REASONS FOR TROUBLE	HOW TO AVOID TROUBLE
Paste runs off after being applied	Paint has been applied in a too thick layer	Apply paint in a thin coating of uniform thickness preferably by immersion or spraying
Protection performance against oxidation / scaling was non-satisfactory	Annealing temperature and / or annealing time was excessive	Use CONDURSAL Z1100 according to the information given in its leaflet and performance diagram
Residues of the paint are black and hard to remove after annealing	Annealing temperature was less than 650 °C	Use CONDURSAL Z1100 for temperatures in the 650 to 1150 °C range only (see leaflet)
Streaky oxidation / scaling has occurred in the coated areas	Paint was applied with uneven thickness of coating	Apply the paint by immersion or spraying rather than painting

Exclusion of liability

The content of this leaflet is based on our actual knowledge. It provides a description of the product regarding properties and application without giving any guarantee or other legal binding assurance. It does not relieve the user from the responsibility of carrying out his own tests and experiments to check its suitability for his application. Also it is the user's responsibility to make sure that any proprietary rights and existing legislation are observed.

