

deconex® de-coat 110

For the removal of AlTiN-, TiAlN as well as ZrN coatings on Carbide

Suitable for use in heatable immersion baths



Usage

deconex® de-coat 110 is a liquid product that is used to remove the following coatings:

- AlTiN
- TiAlN
- ZrN
- TiSiN/AlTiN
- AlCrN
- AlTiSiN

on the following substrates:

- Carbide
- High-alloy steels for ZrN decoating

Before decoating can take place, certain technical requirements must first be met. Please contact us for further information.

Application

The following application conditions have been found to be effective in practice:

Coating	Dosage	Temperature	Decoating time* (for 2 µm layer thickness)
AlTiN	Concentrate	>120°C	1-8 h
TiAlN			1-8 h
TiSiN/AlTiN			1-8 h
AlTiSiN			1-8 h
ZrN			0.5-1 h

The decoating time depends on the coating quality, coating structure and coating thickness.

Important additional informations on the application can be found in the decoating instruction.

Ingredients

Alkali, corrosion inhibitors, solubilisers

deconex® de-coat 110

Instructions for use

In the use of deconex® de-coat 110, there are no restrictions with regard to the carbide types (P, K).

For successful decoating, the use of suitable specialist tool holders must invariably be taken into account.

deconex® de-coat 110 is a high alkaline decoating solution! It is absolutely necessary to take suitable occupational safety measures and to observe the precautions given in the safety data sheet! Personal protective equipment must be worn!

The substrates must be cleaned oil-free and grease-free before decoating; Borer Chemie AG offers suitable cleaning solutions for this.

For the implementation of the decoating please use our decoating instructions.

Neutralisation/disposal

Please refer to our disposal instructions for information on disposal.

It should be noted: The used decoating solution must be disposed of professionally by a disposal company. The safety data sheet can be referred to for this purpose. Locally applicable waste water and disposal regulations must be complied with.

Material compatibility

Suitable for:
Carbide, high-alloy steels for ZrN decoating

Note: Independent compatibility tests should be carried out on materials other than those specified or requested from Borer Chemie AG.

Chemical-physical data

pH value	1% solution in demineralised water	approx. 12.6
Density	Concentrate	1.52 g/mL
Appearance	Concentrate	clear, colourless

Delivery

Please ask your representative regarding current container sizes.

Containers, screw caps, seals and labels are made from recyclable polyethylene.

Additional information

Information regarding safety in the workplace, storage, disposal and waste water treatment can be found on the safety data sheet for this product and in the decoating and disposal instructions.

For professional use only.

For more information about the product and its use, please contact your supplier or Borer Chemie AG.

Benefit from our expertise! Ask us for practical information about your specific application.

Manufacturer:

Borer Chemie AG

Gewerbstrasse 13, 4528 Zuchwil / Switzerland
Tel +41 32 686 56 00 Fax +41 32 686 56 90
office@borer.ch, www.borer.swiss

All information provided is based on our knowledge as it currently stands, however it does not constitute any guarantee of product properties and does not form the basis of any legal relationship.