

deconex® de-coat 500

Fluoridic Primer-Component of the two-component decoating system

For the removal of silicium-containing anti-reflective coatings on plastic glasses.
Suitable for use in ultrasonic baths with plastic insert (e.g. Teflon) and suction devices.



Usage

The liquid two-component decoating system consists of the **deconex® de-coat 500** Primer and is together with the deconex® de-coat 600 Activator used for the removal of silicon-containing anti-reflective coatings on plastic substrates.

Before decoating can take place, certain technical requirements must first be met. We recommend that you contact us in this regard.

Application

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

Product	Dosage	Temperature	Decoating time
deconex® de-coat 500 (Primer)	2-10%	20-40 °C (max.!)	The decoating time depends on the coating quality, coating structure, coating thickness and the dosage used in the decoating agents.
deconex® de-coat 600 (Activator)	25%	20-40 °C (max.!)	The decoating time depends on the coating quality, coating structure, coating thickness and the dosage used in the decoating agents.

Caution: The combination of deconex® de-coat 500 (is already fluoridic) and deconex® de-coat 600 results in hydrofluoric acid, and it is essential to take suitable safety measures and to observe precautionary measures from the safety data sheets!

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

Ingredients

deconex® de-coat 500 Primer:
ammonium hydrogen difluoride, solubilisers

deconex® de-coat 600 Aktivator:
Inorganic acid

deconex® de-coat 500

Instructions for use

deconex® de-coat 500 contains dissolved ammonium hydrogen difluoride!

The combination of **deconex® de-coat 500** and **deconex® de-coat 600** results in hydrofluoric acid, so it is essential to take adequate safety measures and to observe precautionary measures from the safety data sheet for the individual components! Personal protective equipment must be worn! In case of (skin)-contact or spillage, counteract/treat with decontamination agents suitable for hydrofluoric acid (e.g. calcium gluconate gel, Hexafluorine® solution, LeVert HF®).

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

Only compensate for losses due to evaporation with demineralised water!

A fine cleaning should be carried out after decoating. We will recommend a cleaning system to you that is adapted to our deconex OP products.

Chemical-physical data

deconex® de-coat 500

pH value	1% in demineralised water	approx. 5.5
Density	Concentrate	1.1 g/mL
Appearance	Concentrate	clear, colourless

deconex® de-coat 600

pH value	1% in demineralised water	approx. 1.8
Density	Concentrate	1.4 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 sheets for this product and in the decoating and disposal instructions.

For professional use only.

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 sheets of the individual products can be used for this purpose. Locally applicable waste water and disposal regulations must be complied with.

Material compatibility

Suitable for:
Plastic glasses

Not suitable or only partly suitable for:

- precision optical glasses
- mineral glasses
- sapphire glasses

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

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

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

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