BETON-X

T-PUHTAX

Concrete remover



BIODEGRADABLE

FAST & EFFECTIVE

READY FOR USE

Professional Glycolic Acid Based Concrete Remover
Heavy-Duty & Vehicle Safe Solution

BETON-X is a professional concrete remover based on glycolic acid technology. It effectively dissolves cement, mortar and concrete residues without aggressive mineral acids, making it safer for vehicles and equipment when used correctly.

1. APPLICATION INSTRUCTIONS

Step 1
Application

Apply BETON-X using:

- Low-pressure sprayer
- Foam lance
- Acid-resistant pump sprayer

Create a light layer that adheres to both vertical and horizontal surfaces.
Foam application improves contact time and reaction efficiency.

Step 2
Temperature Requirements

Minimum ambient temperature:
+10 °C (50 °F)

Lower temperatures increase reaction time.
Do not apply on hot surfaces or in direct sunlight.

Step 3
Reaction Time

Allow the product to react for **10–40 minutes**, depending on:

- Thickness of concrete residue
- Age and hardness of the material
- Surface temperature

Do NOT allow the product to dry on the surface.
Keep the treated area wet during the reaction process.

Step 4
Rinsing

Minimum ambient temperature:
+10 °C (50 °F)

Rinse thoroughly using a pressure washer.
Ensure complete removal of dissolved residues.

Manufacturer: T-Puhtax OÜ, Pilvetee tn 4, Tallinn 12618, Eesti /Estonia
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2. HOW BETON-X WORKS

BETON-X contains glycolic acid, which reacts with calcium compounds in cement and concrete.
The acid breaks down calcium carbonate and calcium silicates, gradually softening and dissolving hardened concrete residues without using hydrochloric acid.

This controlled reaction makes BETON-X:

- Less aggressive than strong mineral acids
- Safer for painted surfaces when used properly
- More controlled in metal compatibility

3. SURFACE COMPATIBILITY

BETON-X dissolves cement-based materials.
Therefore:

- It will slowly react with concrete floors.
- Whenever possible, clean on gravel or asphalt surfaces.

If cleaning must be done on a concrete floor:

1. Thoroughly pre-wet the surface with water.
2. Apply BETON-X.
3. Rinse completely after treatment.

4. USE ON VEHICLES & EQUIPMENT

- Construction machinery
- Trucks
- Concrete mixers
- Tools
- Vehicle chassis

For light metals (aluminium, magnesium alloys):
- Always test on a hidden area first.
- Avoid extended contact time.
- Do not let product dry on metal.

Avoid use on:
- Marble
- Limestone
- Polished natural stone
- Zinc-sensitive untreated metals

7. SAFETY RECOMMENDATIONS

Although BETON-X is safer than strong mineral acid removers, it is still an acidic product.
Recommended PPE:

- Chemical resistant gloves
- Protective eyewear
- Protective clothing

Avoid skin and eye contact.
Ensure good ventilation during indoor use.

8. ENVIRONMENTAL CONSIDERATIONS

- Prevent large quantities from entering storm drains.
- Dilute thoroughly with water after use.
- Rinse treated surfaces completely.
- Large spills should be diluted and flushed with water.



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