Delivery Program
„Do It Yourself“ Products
For Trade Industry and Commercial RESELLERS

NANO-X GmbH
Theodor-Heuss-Str. 11a
66130 Saarbrücken
www.nano-x.de
date: February 2016
Dear customer and friends of NANO-X GmbH,

**NANO-X GmbH has** reacted to customer **requests** and advanced and filed its „Do It Yourself“ products. The products now have a better handling, function and life period.

The ecological factor and environmental compliance are important for NANO-X GmbH. Many of our products for substrates of metal, ceramic and glass are forgoing without fluorine components. We replaced volatile solvent by water in our products, if possible.

NANO-X products are available in the packing units, listed in this delivery program. Smaller packing, labelling and package is your business. If there are any questions, we are happy to help you.

We are looking forward doing good business with your company!

Dr. Stefan Sepeur  
CEO  
NANO-X GmbH
Do it Yourself- products are easy to use for customer e.g. spraying, roll coating or reaming. This products can be used in commercial trade companies, townships and communities, but also for consumer vehicles, textiles, buildings and components. The coated substrates show additional characteristics with environmental and economical benefit.
Now we publish NANO-X „Do it Yourself“ products to commercial dealers.
If you need a finished packing with special labelling (set, sachet, kit), please contact us separately.

**x-clean®** products are sealings and impregnations, which are reducing dirt and facilitate cleaning. Examples of use: sealing for sanitary article and shower, flagging and floor; water-repellent vehicle windows; circle protection

**x-tec®** products are corrosion protection coating materials for steel and metal. They are available as liquid (for self-packing) or as aerosol spray (400ml)

**x-tex®** products are impregnations for textiles with water repellent and dirt reducing effect

**x-view®** products are sealings for plastics with anitfogging effect. Examples of use: diver or ski eyeglasses, aventails

Code EC is easy to clean property
Code CO is corrosion protection property
Code AB is antifogging property
Code PK is selfcleaning, photocatalytic property

Publishing date: November 2015
**Delivery and price:**
NANO-X GmbH only sells to commercial costumers.
Delivery conditions: If not classified different, all prices in this list are quoted ex works (EXW, Incoterms 2010) without VAT tax plus bulk, packing, transport. Prices are valid for orders in bulk packaging. All prices in this list are non-binding, changes and mistakes reserved.

**Orders:**
We are glad to send you an offer on request.
Please send your orders to +49(0)681 95940 15 or to vertrieb@nano-x.de.
NANO-X payment conditions are enclosed in our offers. In case of first delivery (new customer) we deliver after payment in advance. NANO-X GmbH also reserves its right to demand payment in advance in all following deliveries. In all other cases, you can find our payment- and delivery-conditions in your offer.

**Samples:**
Samples of products named in this list can be ordered in 1L plastic bottles as all-inclusive sample in European Union (EU). Sample fee has to be paid in advance.

**Price of every sample: 50 Euro (transport and VAT are to be paid additionally to this sample fee).** If you need an export of samples to other countries, please send us a separate message for transport costs.

This product list is valid until publishing of a new product list.

All general terms and business of NANO-X GmbH are to be applied.

**Publishing date:** November 2015
**Product information:**

Our product information and (applications) engineering consultancy services, whether communicated orally, in writing or by means of tests, are in accordance with the current status of the knowledge and experience gained by us. The details in our product information reflect the criteria regarding our quality inspections. They do not constitute any legal assurance of particular product features or of the suitability for a specific application. All of the values are applicable at the time when the product leaves the supplier’s factory. The specification values stated are reference points, they are subject to being continually updated within the scope of our product maintenance. A written sales agreement shall be required for the information concerning product specifications to have a binding character. Please refer to our warning notices, our product information sheets and safety data sheet. Should you require further information and technical advice, our Applications Engineering Department are at your disposal.

We reserve the right to modify and update our products within the scope of technical progress and further developments within the company. This information is provided without engagement. The sole purpose of such information is to provide details on the properties of our products and their potential applications. It does not constitute any guarantee and is not intended to be an assurance of any particular properties or suitability for a specific application. The client or user is thereby not exempt from carrying out his/her own testing to determine the suitability for the intended processes, purposes and applications by members of staff with the appropriate qualifications. This also applies with regard to the protection of proprietary rights of third parties. Brand or trade names of other companies are mentioned merely by way of example and do not constitute any endorsement, the use of other products of the same nature is not excluded.

No concluding knowledge is yet available regarding trial products (named “VP”-products) still in the testing stage. Their specifications have not yet been conclusively determined and may change at any time during the testing stage. Therefore, it is not possible to make conclusive statements with regard to characteristics including, but not limited to their processability as well as the parameters for production and applications engineering.
Sealing for glass and ceramics

### x-clean® EC 1224
- **Free of fluorine**
- **UN 1170, 3, II**
- **HS-Code: 3208 9019**

### x-clean® EC 1272
- **Contains fluorine**
- **Concentrate available on request**
- **UN 1219, 3, II**
- **HS-Code: 3208 9019**

* Selling only to commercial dealers. All prices without legal VAT tax, plus bulk, packing, transport. Prices are valid in orders in bulk packaging (see also purchasing conditions). All specifications are non-binding, changes and mistake reserved.

Temporary easy to clean coating for substrates of glass, ceramics and metal

x-clean® EC 1224 and x-clean® EC 1272 are polishable surface impregnations which generate a nanometer thin film, decreasing the adhesion of dirt and let water and other liquids easily pearl off. Examples of use are sealing for water-repellent car windows, algae dirty aquariums.

Publishing date: November 2015
**Easy to Clean coating for metal**

### x-clean® EC 4063

**water based, fluorinated**

No DGR  
HS-Code: 3209 9000

Fluorinated easy to clean coating for metal substrates

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**package**  
**[fill quantity]**

<table>
<thead>
<tr>
<th>30 liter canister</th>
<th>[30 kg]</th>
</tr>
</thead>
<tbody>
<tr>
<td>200 liter barrel</td>
<td>[200 kg]</td>
</tr>
<tr>
<td>IBC</td>
<td>[1000 kg]</td>
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**x-clean® EC 4063** is a sealing for metals like stainless steel, copper or brass.  
For pre-cleaning use an acidic phospahtic cleaning agent.

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**Publishing date: November 2015**
x-clean® EC 7086
water based, fluorinated

No DGR
HS-Code: 3209 9000

package
[fill quantity]
30 liter canister
[30 kg]
200 liter barrel
[200 kg]
IBC
[1000 kg]

Easy to Clean impregnation for mineral surfaces/substrates. Based on C6-fluor chemistry und free of PFOA and PFOS*

*x PFOA (Perfluorooctansäure) and PFOS (Perfluorooctansulfonat)

x-clean® EC 7086 is a hydrophobic impregnation for mineral surfaces like sandstone, concrete, plaster, natural stone and clinker. The substrates show a water and dirt repellent film on coated surface.

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Publishing date: November 2015
Durable impregnation for stone / concrete

x-clean® EC 7047
high solid, shiny
Slide value: R 10
UN 1263, 3, III
HS-Code: 3208 9019

x-clean® EC 7048
high solid, matted
Slide value: R 10
UN 1263, 3, III
HS-Code: 3208 9019

x-clean® EC 7050
high solid, matted, slide reduced
Slide value: R 12
UN 1263, 3, III
HS-Code: 3208 9019

Durable impregnation for mineral substrate.
Long term stability and easy to clean.
For outdoor area!

x-clean® EC 7047, 7048 und 7050 are durable impregnation for mineral substrates (concrete, stones, plaster). x-clean® EC 7047, 7048 und 7050 generate after coating a glass like surface on substrate. They reinforce colour of substrate and are available in shiny and matted appearance. Slide reducing affect is also available.


Publishing date: November 2015
Rust remover

**x-clean® CO 4070**
Water based, free of VOC / fluorine
Dipping bath, dilutable with water

- **Package** [fill quantity]
  - 30 liter canister [33 kg]
  - 200 liter barrel [220 kg]
  - IBC [1000 kg]

x-clean® CO 4070 is a liquid effective dipping bath – master batch for removing rust from iron and steel parts, tarnish and scale from copper and brass parts.

**x-clean® CO 4069**
Water based, free of VOC / fluorine
Coating

- **Package** [fill quantity]
  - 30 liter canister [38 kg]
  - 200 liter barrel [250 kg]
  - IBC [1000 kg]

x-clean® CO 4069 is the spreadable gel for removing rust with same properties.

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Publishing date: November 2015
x-tec® CO 4040 is a concentrate with active cathodic corrosion protection for iron and steel parts. It’s suitable for dipping, blowing and spray coating. The coating should be touch-dry about 15 min.

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x-tec® ZS 4037

UN 3295, 3, II
HS-Code: 3208 9019

Silvergrey scale protection

x-tec® ZS 4037 avoids scale in hot stamping processes. The product is suitable for manual application (for example roll-on) and it cures at room-temperature. Applied in a thin layer x-tec® ZS 4037 is dry after a few minutes.

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Publishing date: November 2015
Textile impregnation

**x-tex® EC 5028**
*water based, fluor based*

<table>
<thead>
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<th>package [fill quantity]</th>
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<tbody>
<tr>
<td>30 liter canister [30 kg]</td>
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<tr>
<td>200 liter barrel [200 kg]</td>
</tr>
<tr>
<td>IBC (1.000 liter) [1000 kg]</td>
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</tbody>
</table>

**x-tex® EC 5029**
*water based, fluor based concentrate*

<table>
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<tr>
<th>package [fill quantity]</th>
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<tbody>
<tr>
<td>30 liter canister [30 kg]</td>
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<tr>
<td>200 liter barrel [200 kg]</td>
</tr>
<tr>
<td>IBC (1.000 liter) [1000 kg]</td>
</tr>
</tbody>
</table>

Easy to Clean impregnation based on C6-fluor chemistry, PFOA free*

*PFOA (perfluoro octane acid) and PFOS (perfluoro octane sulfonate)

**x-tex® EC 5029 (concentrate) and dilute solution x-tex® EC 5028** are room temperature impregnations for textile substrates, wool and cotton with oleophobic and hydrophobic properties. The penetration of water, soot, coffee, cola, ketchup, red wine is reduced.

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Publishing date: November 2015
**Photocatalysis**

**x-view® PK 1016**
waterbased, free of fluorine, low VOC

No DGR
HS-Code: 3209 9000

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<table>
<thead>
<tr>
<th>package [fill quantity]</th>
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</thead>
<tbody>
<tr>
<td>30 liter canister [30 kg]</td>
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<tr>
<td>200 liter barrel [200 kg]</td>
</tr>
<tr>
<td>IBC [995 kg]</td>
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**Photocatalytic active selfcleaning coating for glass substrates**

*x-view® PK 1016 is a photocatalytic coating for solar calculator glass substrates in outdoor area, winter garden*

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Antifogging

**x-view® AB 1212**
UN 1170, 3, II
HS-Code: 3208 9019

Temporary, room temperature curing antifogging coating material for plastics and glass

**x-view® AB 1212** protects plastic surfaces in outdoor application against fogging.
Examples of use: diver or ski eyeglasses, aventails.

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Publishing date: November 2015
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