

# **Cleaning and maintenance instructions**



# Cleaning and maintenance instructions

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**Valid 01/2017 | subject to changes**



## Particle board panels melamine resin coated

For cubicle systems NiUU, Basic type D, D-Bambino Klassik

### Cleaning and maintenance instruction:

High density melamine resin coated particle board panels are usually easy to clean. Only non-aggressive cleaning agents should be used. Sometimes special cleaning agents must be used, which may be acidic or flammable or contain solvents. In this case please adhere to the appropriate accident prevention and precaution instructions and also make sure to ventilate the rooms sufficiently.

#### 1. Regular cleaning

Regular cleaning and maintenance should be done using non-abrasive cleaning agents. The cubicles can be wiped with a moist cloth, and should be wiped with a dry cloth afterwards.

#### 2. Cleaning with high pressure cleaner

We do not advise to clean with high pressure cleaner since the surface of the profiles and melamine resin coated particle boards could be damaged due to the high pressure. The lubricating grease needed for a failure-free operation of the moveable parts would be washed out by the pressure cleaner. This would greatly influence the functioning of the parts.

#### 3. Heavy and special staining

Extreme staining of the particle board panels such as ball-point pen or felt pens can be removed with pure nitro, diluted nitro or spirit. Please wipe the surface with a moist cloth and wipe it dry afterwards. The ABS lipping must not come into contact with the above mentioned cleaning agents. Please clean the ABS lipping with non-abrasive general household cleaning agents.

#### 4. Attention

The following agents must not be used: scrubbing and grinding agents (scouring powder, steel wool), polishing agents, wax, bleaching agents, cleaning agents containing strong acids, e.g. decalcifier with formic acid and amino-sulpho-acid, drain pipe cleaner, hydrochloric cleaner and cleaning agents for silverware.

#### 5. Please also note our KEMMLIT-cleaning agents available.

## Cubicle systems and products made of solid grade laminate panels

For cubicle system cronus NR, PRIMO, BASIC type C and B-Bambino Klassik, B-Bambino Exklusiv, locker systems and locker doors IXOS, type P, type R and type S vanity units type W HPL and type Bambino, bench seating type U

### Cleaning and maintenance instruction:

HPL solid grade laminate panels are usually easy to clean. Only non-aggressive cleaning agents should be used. Sometimes special cleaning agents must be used, which may be acidic or flammable or contain solvents. In this case please adhere to the appropriate accident prevention and precaution instructions and also make sure to ventilate the rooms sufficiently.

#### 1. Regular cleaning

For everyday cleaning of regular stains please use clean hot water, clean cloth, a soft sponge or a soft nylon brush, all purpose cleaning agents without any abrasive elements, as well as washing powder, soft soap or curd soap. After cleaning please remove cleaning agents completely to prevent smears. Wipe the surface dry with an absorbent clean cloth. Please change the cloth frequently.

#### 2. Cleaning with high pressure cleaner

We do not advise to clean with high pressure cleaner since the surface of the profiles and solid grade laminate panels (HPL) could be damaged due to the high pressure. The lubricating grease needed for a failure-free operation of the moveable parts would be washed out by the pressure cleaner. This would greatly influence the functioning of the parts.

#### 3. Heavy staining

Please remove dark, stubborn stains such as grease, oil, felt pen, lipstick, water soluble colours, nicotine, urine etc. with hot water and all-purpose cleaner (e.g. powder cleaner). Depending on the degree of staining please let the foam affect the stains before rinsing with clean water. Then, please dry the surface with an absorbent, clean cloth. The following cleaning agents must not be used: Grinding and scrubbing agents (abrasives, steel wool), polishing agents, wax, bleaching agents, cleaning agents containing strong acids, e.g. decalcifier with formic acid

and amino-sulpho-acid, drain pipe cleaner, hydrochloric cleaner and cleaning agents for silverware.

#### 4. Special staining

Lime residue can be removed with acidic cleaning agents, containing approximately 10 % citric or acetic acid. Please adhere to the special instructions marked on the cleaning agents. After cleaning the surfaces must be washed off with clean water. Please remove solvable paints, lacquers, ink, shoe polish with organic cleaning agents (acetone, spirit, turpentine, benzine). Please rub off silicone with dry cloth or use silicone remover.

#### 5. Desinfection

HPL solid grade laminate panels are resistant to common desinfectant such as:

- Alcohol (60 – 70 % solution with water)
- Aldehyde, but not in conjunction with quarternary ammonium compound
- Chlorine-releasing compounds (if used regularly it can result in a paling of the colour pigments)
- Phenol (not allowed for cleaning of kitchens)
- Peroxyde compound (especially hydrogen peroxide and organic acids)
- Quarternary ammonium compound

Detergent-sanitisers are to be used for the cleaning and desinfection of moderately stained surfaces in areas with a great danger of infection.

#### 6. Please also note our KEMMLIT-cleaning agents available.



## Colour coated steel sheet

**For cubicle system BASIC type E and cell for locker system type S**

### **Cleaning and maintenance instruction:**

Colour coated steel sheet panels are usually easy to clean. Only non-aggressive cleaning agents should be used. Sometimes special cleaning agents must be used, which may be acidic or flammable or contain solvents. In this case please adhere to the appropriate accident prevention and precaution instructions and also make sure to ventilate the rooms sufficiently.

#### **1. Regular cleaning**

The cleaning of stains and residue on organic coatings increases the lifetime of the product. Please use warm water, all-purpose cleaning agents or special cleaning agents.

Please do not use any cleaning agents damaging the coating chemically or mechanically. Do not use cleaning agents containing any solvents.

Please do not use any strong alkaline cleaning agents like alkali, soda, strong acids or cleaning agents with abrasive elements. Please make sure to rinse with a sufficient amount of clear water to remove any remaining cleaning agents. Possible cleaning agents to be used: Pril, Rei, Henkel, P3-T768, P3-allplass and similar all-purpose cleaning agents.

#### **2. Strong and special staining**

Please rather use acid and neutral cleaning agents than alkaline cleaning agents.

The following products must **not** be used:

- Organic solvents
- Chlorides
- Strong acids and alkalines
- Cleaning agents for metals

Please avoid scrubbing with cleaning agents containing abrasives (Ajax, Vim, Imi, Ata, etc.), dry wiping and the use of hard brushes.

#### **3. Please also note our KEMMLIT-cleaning agents available.**

## Colour coated aluminium sheet

### For cubicle system cell and for locker system type R

#### Cleaning and maintenance instruction:

Colour coated aluminium sheet panels are usually easy to clean. Only non-aggressive cleaning agents should be used. Only cleaning agents with a pH-value of  $>5$  and  $<8$  are to be used. Sometimes special cleaning agents must be used, which may be acidic or flammable or contain solvents. In this case please adhere to the appropriate accident prevention and precaution instructions and also make sure to ventilate the rooms sufficiently.

#### 1. Regular cleaning

The cleaning of stains and residue on organic coatings increases the lifetime of the product. Please use warm water, all-purpose cleaning agents or special cleaning agents.

Please do not use any cleaning agents damaging the coating chemically or mechanically. Do not use cleaning agents containing any solvents.

Please do not use any strong alkaline cleaning agents like alkali, soda, strong acids or cleaning agents with abrasive elements. Please make sure to rinse with a sufficient amount of clear water to remove any remaining cleaning agents. Possible cleaning agents to be used: Pril, Rei, Henkel, P3-T768, P3-allplass and similar all-purpose cleaning agents.

#### 2. Strong and special staining

Please rather use acid and neutral cleaning agents than alkaline cleaning agents.

The following products must not be used:

- Organic solvents
- Chlorides
- Strong acids and alkalines
- Cleaning agents for metals

Please avoid scrubbing with cleaning agents containing abrasives (Ajax, Vim, Imi, Ata, etc.), dry wiping and the use of hard brushes.

#### 3. Graffiti cleaner

Dirt caused by Edding permanent markers can be removed with a two-component cleaner which is available through KEMMLIT. Special cleaning instructions concerning this cleaner are included.

#### 4. Please also note our KEMMLIT-cleaning agents available.

## Stainless steel V2A

for cubicle system cell

for stainless steel parts such as profile, furniture, supporting legs and accessories

**Cleaning and maintenance instruction:**

Corrosion resistance of these materials is primarily given by adding the alloying agents chrome, chromium-nickel etc. A protective treatment in form of painting or special surface treatment is therefore not applicable. Bare metallic parts made of rustproof material exposed to the atmosphere form a thin oxide layer on the surface which can contain material that, if exposed for a longer period, can cause discoloration or corrosively attack the material. It is possible that this damages the material. To avoid the mentioned mechanism a periodic maintenance of the stainless steel parts is necessary.

### 1. Regular cleaning

For daily cleaning and regular stains: cleaning with clear, hot water, clear cleaning rag, soft sponge or soft brush (e. g. nylon brush) and all-purpose cleaner without sandy increments, as well as detergents (especially heavy-duty detergents). Cleaning agents should be removed completely, in order to prevent streaking. Use absorbent, clean clothes to dry the surface. Change the clothes frequently. The following cleaning agents must not be used: Grinding and scrubbing agents (abrasives, steel wool), polishing agents, wax, bleaching agents, cleaning agents containing strong acids, e.g. decalcifier with formic acid and amino-sulpho-acid, drain pipe cleaner, hydrochloric cleaner and cleaning agents for silverware.

Within the UK market the product Windolene Window and Glass Cleaner Spray has been proven to be the most effective.

### 2. Heavy staining

Please remove dark, stubborn stains such as grease, oil, felt pen, lipstick, water soluble colours, nicotine, urine etc. with hot water and all-purpose cleaner (e.g. powder cleaner). Depending on the degree of staining please let the foam affect the stains before rinsing with clean water. Then, please dry the surface with an absorbent, clean cloth.

### 3. Special staining

Lime residue can be removed with acidic cleaning agents, containing approximately 10 % citric or acetic acid. Please adhere to the special instructions marked on the cleaning agents. After cleaning the surfaces must be washed off with clean water. Please remove solvable paints, lacquers, ink, shoe polish with organic cleaning agents (acetone, spirit, turpentine, benzene). Please rub off silicone with dry cloth or use silicone remover.

### 4. Attention!

After cleaning periodic application of preservative agents for stainless steel surfaces, containing oil and wax, can render the surface more insensitive to stains.

### 5. Please also note our KEMMLIT-cleaning agents available.

## Toughened safety glass (TSG) with ceramic screen print as well as laminated safety glass (LSG)

for cubicle system NOXX GLASS/ NOXX smart / cronus Glass  
for modesty screens NOXX GLASS / NOXX smart  
for locker doors IXOS

### Cleaning and maintenance instruction:

Generally every aggressive staining (e. g. concrete sludge, cement slurries, plaster, mortar) should be prevented. If it happens, the dirt has to be removed immediately after occurring with non-aggressive cleaning agents and needs to be washed off with clean water until the glass is residue-free. The following cleaning instructions apply to all related glass products (printed and blank).

#### 1. Regular cleaning

For the cleaning of glass generally a lot of clean water should be used to avoid chafing effects by dirt particles. As a tool soft, clean sponges, leather, cloth or rubber wipers can be used. The use of pointy, sharp metal objects can damage the surface.

#### 2. Staining

The cleaning effect can be supported by largely neutral cleaning agents or commercial glass cleaners. In case of oily or sealant remnant stains, commercial solvent cleaners such as ethyl alcohol or isopropanol can be used.

#### 3. Attention!

Of all chemical cleaning agents the following should generally not be used: alkaline lye, acids, fluoride-containing agents as well as agents with abrasive contents. These may have a lasting effect on the surface of the glass (printed and blank).

The mentioned instructions are based on conducted norm tests and application technology experience. According to our recommendations however, the user should test the cleaning (cleaning agents) independently and solely responsible.

#### 4. Additional instructions regarding LSG

The edges of laminated safety glass must be wiped dry every day, in order to prevent stagnant water from penetrating the glass panels.

#### 5. Please also note our KEMMLIT-cleaning agents available.





## Mirrors

### Cleaning and maintenance instruction:

Very light staining such as dust, water stains or finger prints can be removed with a soft, dry cloth. For all other stains moist cleaning is necessary. Some stains cannot be removed with clear water. In this case a suitable cleaning agent must be used. Special attention must be paid to the mirror edge. This is the most sensitive area, since parts of the coating will be in direct contact with the cleaning agent. In order to prevent the cleaning agent from contact with the edges it is advisable not to use a spray bottle. Instead the cleaning agent should be applied to a soft, clean cloth and the staining solved and removed from the surface.

1. **Suitable agents for mirror maintenance:**
  - soft, dry cloth
  - ready-to-use, commercial glass cleaning agents
  - For glass cleaning recommended concentrate, that needs to be diluted
2. **Attention: the following agents must not be used**
  - Chlorinated water
  - WC or bath room cleaner
  - Vinegar or vinegar-based cleaner
  - Sanitary cleaner
  - Cleaner with high level of ammonia (aqueous ammonia)
  - Cleaning agents from the cosmetic sector
  - Scrubbing sponges with cleaning additives as well as related products
3. **Please also note our KEMMLIT-cleaning agents available.**

## Satin anodised or powder-coated aluminium

For satin anodised or powder-coated aluminium parts e.g. profiles, furniture, supporting legs and accessories

### Cleaning and maintenance instruction:

In addition the powder-coated aluminium profiles should be polished at least once a year with a commercial, colour-neutral car finish care product.

The following instruction are both valid for satin anodised and powder-coated aluminium profiles.

- 1. Regular cleaning**  
Usually it is sufficient to wipe the aluminium profiles daily with a soft cloth.
- 2. Heavy staining**  
In case of heavy staining water can be applied in addition, which needs to be polished with a second dry cloth and thereby be removed.
- 3. Attention!**  
Soda solution, lye, acid and other aggressive cleaning agents damage the surface and must therefore not be used. Cloth or wipes must not have any abrasive elements (e.g. cleaning pads).
- 4. Please also note our KEMMLIT-cleaning agents available.**









## Witty – Quick from KEMMLIT

### Area of application:

Removes grease and dirt from washable surfaces such as cubicles, lockers, washbasins, synthetic materials, tiles, varnished wood or metal furniture and many more.

### Your advantages:

- Cleans powerfully but at the same time gently.
- Cleaned surfaces dry without stains without needing to be wiped – for brilliant shine.
- Smells pleasantly fresh.
- Environmentally friendly due to being free of phosphate.



## Witty – Sprit from KEMMLIT

### Area of application:

Powerful cleaner for alcohol resistant and washable surfaces such as aluminium, solid grade laminate (HPL), mirrors, glass, coated steel, synthetic material, enamel, marble and mineral material.

### Your advantages:

- With Witty-Sprit your surfaces will have a new shine.
- Witty-Sprit possesses a strong cleaning power - for brilliant shine.
- Witty-Sprit is pH-adjusted, very easy on materials and versatilely applicable.
- Witty-Sprit is environmentally friendly, since the used tenside are very well bio-degradable.



## Witty – Pool Rot VA from KEMMLIT

### Area of application:

With Witty-Pool Rot VA you can reliably remove annealing colour, rust as well as limescale stains from sanitary products, furnishing and construction parts made of stainless steel. For outstanding cleaning results and brilliant shine.

### Your advantages:

- Witty Pool Rot VA is viscous. Therefore you can achieve outstanding cleaning results on vertical surfaces due to longer contact time.
- On the cleaned surfaces a protective passive layer results from the oxygen in the air.
- It is safe to use. Witty-Pool Rot VA is free of nitric acid.





## KEMMLIT Graffiti-remover and after-cleaner

### Area of application:

The KEMMLIT Graffiti-remover quickly and thoroughly removes stains from all metal surfaces. Specially developed for removal of graffiti from coated, and therefore sensitive to solvent, materials especially from cubicle systems, lockers and further products made of sheet material and solid grade laminate made by KEMMLIT.

The combination cleaner, the KEMMLIT after-cleaner, is the ideal product for gentle and shadeless removal of graffiti from all coated, and therefore sensitive to solvent, materials especially from cubicle systems, lockers and further products made of sheet material and solid grade laminate made by KEMMLIT.

### Application of the graffiti-remover:

- Apply product to a soft cloth and gently rub onto the stained surface
- Reverse the cloth to absorb the dissolved paint
- Remove solvent residue with the KEMMLIT after-cleaner
- Rinse with clear water
- Rinse with clear water







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