

nora® floorcoverings  
made of rubber –  
leading worldwide

## Cleaning recommendations

Revision 11/2008

norraplan®

norament®

nora®



# Cleaning and maintenance recommendations

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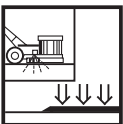
## A. Important information:

- Large dirt trap zones effectively reduce the dirt accumulation.
- Sand, chippings, and sharp-edged objects may result in irreparable damage. During the construction phase, the floorcovering is to be protected using suitable protective material.
- Initial cleaning must not be carried out before the adhesive bonding phase has elapsed, i.e. no earlier than 48 hours after completion of the installation of the floorcovering.
- Use cleaning and care products from a correspondingly matched product range.
- Do not use cleaning products with a pH value above 12.
- Cleaning and care products must not have a negative influence on the electrical properties of the floorcovering.
- Do not use grit brushes, brown/black pads.
- Single disc cleaning machines for initial or basic cleaning procedure should not exceed 200 rpm.
- The use of very high speed buffing machines should be avoided. These machines should not exceed 1,500 rpm. For polishing, a sufficient polishing film is absolutely necessary.
- Depending on the type of project/application, it may be appropriate to deviate from the standard recommendations and use products and procedures according to the recommendations of the cleaning agent manufacturers. To do so you must perform a sufficient number of your own in-house tests to find out whether the cleaning measures, agents and machines you intend to use meet the special requirements.
- Any products and processes used may have no adverse effect on the floorcovering and its properties.
- In areas exposed to heavy sunlight, an increased amount of the cleaning product is to be applied.

## Further advice for cleaning noraplan® with «nora cleanguard® plus» and norament® 986 cara/metro/luxor

- Do not use hard brushes, no blue/green/brown/black pads.
- Polishing can improve the level of gloss finish to the surface.
- Chair and furniture castors must be of type W (soft rollers) according to EN 12 529. A mat under the chairs is recommended in the workplace. The contact area of the chairs and other furniture must not have sharp edges and is to be sufficiently dimensioned. If necessary, the contact areas are to be protected using pressure distribution mats.
- Restoration/Preservation of value: In case of any possible wear symptoms, we recommend restoring the surface in good time with a suitable permanent coating. Please contact our technical department in this case.

## B. noraplan® acoustic with footfall sound absorption underlay, not joined-sealed



Initial cleaning and polishing is to be carried out using the spray-cleaner method only. Regular maintenance should only be carried out by wet mopping using a moist or prepared cloth or a well-wrung mop.

**C. nora® rubber floorcoverings with «nora cleanguard®» surface (without surface finish):  
noraplan® al/el floorcoverings, noraplan® acoustic floorcoverings, noraplan® classic/eco/grip/plus/stone/mega\* / signa / uni / logic  
norament® 925/825/923/926 xi/945/992 / al/el  
\*If desired noraplan® mega is also available with «nora cleanguard® plus» surface.**

**1. Initial cleaning**

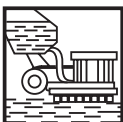


**Please refer to item A. – Important information – on page 4.**

Use brooms, sweeping machines or vacuum cleaners to remove loose dirt.



- 1.1 Dilute suitable cleaning product with water according to the cleaning schedule (page 7) and distribute with single-disc cleaning machine with a suitable red pad or a suitable medium-hard brush (for profiled coverings), making sure the product is distributed evenly over the entire area.



- 1.2 Allow the solution to act for about 15 minutes, then clean intensively with the single-disc machine.

**Important:** The cleaning solution must not be allowed to dry.



- 1.3 Use an aqua-vacuum cleaner to remove the dirty detergent solution. The surface of the floorcovering must be free of dirt residues.

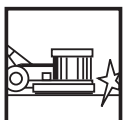


- 1.4 Thoroughly wipe with clean water and remove with the aqua-vacuum cleaner.

**2. Initial care**



- 2.1 Dilute a suitable **wash polish** with water according to the cleaning schedule (page 7) and apply evenly with a fine cleaning mop.



- 2.2 Polish the dried wash polish film with a suitable polishing pad or a suitable soft brush (for profiled floorcoverings).

**Note:**

The use of a suitable *emulsion/dispersion* has proven particularly beneficial for the initial care of **noraplan® stone** with a structured surface as well as in areas with particularly heavy soiling. In this case, the initial clean should be carried out using a suitable **green** pad or a suitable hard brush.

On electrically conductive floorcoverings, no emulsions/dispersions may be applied, which have a negative effect on the electrical properties of the floorcoverings.

### 3. Regular maintenance



**Manually:** Good cleaning results are achieved by 2-stage mopping (2-mop system + mobile bucket) or also with a special 1-stage cleaning system with suitable wash polish agents.



**By machine:** Automatic cleaning is suitable for large, unobstructed areas. Special cleaning machines are used according to the recommendations provided by the cleaning agent manufacturers.

Regular maintenance is also to be carried out using wash polish products when emulsions/dispersions are used to protect against embrittlement.

The floorcovering should be polished with a suitable pad or a suitable polishing brush whenever it is necessary in order to achieve a uniform and compact protective film.



### 4. Intensive intermediate cleaning



If built up dirt can no longer be removed by regular maintenance, an intensive intermediate cleaning with a single-disc machine should be performed.

The selection of cleaning agent depends on the level of contamination and the type of residues; therefore, please consult the cleaning agent manufacturers for suitable cleaning products, such as basic cleaning agents or intensive cleaning agents.

**Further recommendations relating to general information, raised-access floors, clean rooms, stain tables etc. are available on request or on [www.nora.com](http://www.nora.com)**

**Cleaning and Polishing Agents**  
**for nora<sup>®</sup> floorcoverings with “nora cleanguard<sup>®</sup>” surface**  
**Recommended by the Manufacturers listed for**  
**nora<sup>®</sup> Rubber Floorcoverings**

<b>Company</b>	<b>Basic Cleaning Agent</b>	<b>Regular Maintainer</b>	<b>Wax Polish</b>
<b>Johnson Diversey Ltd.</b> Weston Favell Centre Northampton NN3 8PD Tel: 0800 525525	New installation: Carefree Stride 2000*, or Jontec Best	Care Maintainer*, or Carefree Stride 3000*	Carefree Mop & Shine*
	Old polish/maintainer: Carefree Speed Stripper*		
<b>Ecolab</b> David Murray John Bldg. Swindon Wiltshire SN1 1NH Tel: 01723 511221	Spirit Top Stripper	Indur Top	Spirit Restorer
<b>Premiere Products</b> Oakley Gardens Bouncers Lane Cheltenham GL52 5JD Tel: 01242 537192	M.P. 9 or M.P. 10	Reflect Maintainer	Premac Super
<b>Prochem Ltd.</b> Oakcroft Road Chessington Surrey KT9 1RH Tel: 0208 974 1515	New installation: A250 Alkleen Rinse with C255 Prorinse	C502 Protreat	None
	Old polish/maintainer: C501 Prostrip Rinse with C255 Prorinse		
<b>CC Dr. Schutz GmbH</b> Unit 2 Pembroke Road Aylesbury HP20 1DP Tel.: 01296 437827	Clean and Strip	Floor Cleaner R1000	For advice please call 01296 437827
<b>Wetrok Ltd.</b> Unit 4 Easter Court Europa Boulevard Warrington WA5 7ZB Tel: 01925 711123	New installation: Antiwax	Wetrok Brill	Mepol
	Old polish/maintainer: Rewit		

\*Brand names may change; please contact the office for further information.

**D. noraplan® with «nora cleanguard® plus» surface  
(with surface finish):  
norament ® 986 cara / metro / luxor**

**\*If desired noraplan® mega is also available with  
«nora cleanguard® plus» surface.**

**1. Initial cleaning**



1.1 Regular maintenance may be carried out immediately thanks to the special surface of the floorcovering, provided the site is not heavily contaminated.



1.2 In case of heavy contamination on site, a machine cleaning with a single-disc machine with a suitable red pad and suitable cleaning agent (see table on page 9) is recommended.



**2. Regular maintenance**

**Manual cleaning:** Good cleaning results are achieved by 2-stage mopping (2-mop system + mobile bucket) or also with a special 1-stage cleaning system, with suitable microfibre covers and suitable maintainers (see table on page 9).



**Machine cleaning:** Machine cleaning is suitable for large, unobstructed areas. For this purpose, suitable red pads or suitable soft brushes and low-foam cleaning agents according to the cleaning agent manufacturer's recommendations should be used.

**3. Intensive intermediate cleaning**



If dirt build up can no longer be removed by regular maintenance, an intensive intermediate clean with a single-disc machine with a suitable red pad should be performed. The selection of the cleaning agent depends on the level of contamination and the type of residues; therefore, please consult the cleaning agent manufacturers for suitable cleaning agents, such as basic cleaning agents or intensive cleaning agents.

**Cleaning and Polishing Agents**  
**for nora® floorcoverings with “nora cleanguard® plus” surface**  
**Recommended by the Manufacturers listed for**  
**nora® Rubber Floorcoverings**

<b>Company</b>	<b>Basic Cleaning Agent</b>	<b>Regular Maintainer</b>	<b>Intensive Intermediate Cleaning</b>
<b>Johnson Diversey Ltd.</b> Weston Favell Centre Northampton NN3 8PD Tel: 0800 525525	Carefree Stride 2000*	Care Maintainer*, or Carefree Stride 3000*	None
<b>Ecolab</b> David Murray John Bldg. Swindon Wiltshire SN1 1NH Tel: 01723 511221	Spirit Top Stripper	Indur Top	None
<b>Premiere Products</b> Oakley Gardens Bouncers Lane Cheltenham GL52 5JD Tel: 01242 537192	M.P. 9 or M.P. 10	Reflect Maintainer	None
<b>Prochem Ltd.</b> Oakcroft Road Chessington Surrey KT9 1RH Tel: 0208 974 1515	A250 Alkleen and rinse with C255 Prorinse	C502 Protreat	None
<b>CC Dr. Schutz GmbH</b> Unit 2 Pembroke Road Aylesbury HP20 1DP Tel.: 01296 437827	CC-PU Cleaner 5%	CC-PU Cleaner 0.5% or Floor Cleaner R1000	Active Cleaner R280
<b>Wetrok Ltd.</b> Unit 4 Easter Court Europa Boulevard Warrington WA5 7ZB Tel: 01925 711123	Antiwax	Wetrok Brill	None

\*Brand names may change; please contact the office for further information.

## E. Health care

### General information

For this segment, our floorcoverings **noraplan® signa** with «**nora cleanguard® plus**» surface, **noraplan® signa al**, **noraplan® signa acoustic**, **noraplan® mega** with «**nora cleanguard® plus**» surface, **noraplan® mega al**, and **noraplan® mega acoustic** should be used. **norament®** floorcoverings with hammerblow surface or other **noraplan®** floorcoverings with smooth surface are, of course, also suitable. While floorcoverings with «**nora cleanguard® plus**» surface do not require any initial polishing (see page 8), we recommend using suitable wash polish products for our floorcoverings without surface finishing. In exceptional cases, e.g. in case of **noraplan®** floorcoverings with surface structure such as **noraplan® stone**, or heavy exposure to dirt, it may be useful to initially polish the floorcovering with an emulsion/dispersion. In this case, the polishing agent used must be resistant to the area/ hand/instrument disinfectant used. On electrically conductive floorcoverings, no emulsions/ dispersions may be applied which have a negative effect on the electrical properties of the floorcoverings.

### Surface disinfectants

Surface disinfectants, e.g. based on quaternary ammonium compounds (QAV), leave a residue that may result in stickiness and to increased soiling on the surface of the floorcovering.

These residues should be removed as necessary using suitable cleaning agents.

The floorcovering should then be protected with care products matched to the specific project/application (exception: operating theatres).

### Floorcoverings in operating theatres

All products and methods used should be coordinated with the manufacturers of the cleaning, care and disinfection products.

If possible, medicinal, antiseptic and hand disinfection products etc. should be removed immediately. Otherwise, these media dry on the surface and, irrespective of the type of floorcovering, produce stains that can often only be removed with specific stain treatment procedures (see stain table).

### Floorcoverings in intensive care units

Due to reactions with cleaning, care or disinfection products, spilled colourless infusion solutions which contain "Dopamine" produce brown stains, irrespective of the type of floorcovering. The only way to avoid stains is to remove this originally colourless medicinal product immediately. Fresh stains up to 3 days old can be wiped away by simple mopping with commercially available phosphoric acid-based sanitary cleaners. The use of certain oxygen-separating surface disinfectants such as "Dismozon pur" (Bode Chemie, Hamburg), "Apesin AP 100" (Tana-Chemie, Mainz), has proven to be an effective method of removing stubborn and old stains. **These** DGHM-listed products are applied to the stained floor and moistened with water, e.g. from a spray bottle. They should be left to soak for at least 10 to 15 minutes. Completely remove the dirty solution and thoroughly wipe with clean water.

Note that after the intensive stain removal, the floorcovering is to be protected with a suitable wash polish in increased concentration, according to the manufacturer's recommendations. The applied wash polish film should then be compacted by polishing.



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