

Armstrong DLW Linoleum PUR, SCALA PUR and Vinyl PUR flooring

CLEANING AND MAINTENANCE

Using dirty flooring leads to a higher degree of wear and, possibly, to discoloration. Dirt, particularly of a gritty nature, increases the effects of abrasion on the flooring surface. Therefore, for clean, long-lasting and esthetically pleasing floorings, routinely clean and maintain your linoleum and vinyl flooring. Do not use abrasive cleaners or heavy solvents as these may destroy the flooring.

Armstrong DLW linoleum and vinyl floorings with **factory PUR surfaces are easy to maintain. This particular type does not require initial treatment after installation.**

To clean Armstrong DLW linoleum, SCALA and vinyl floorings in large areas or areas subject to heavy loads, follow the steps as outlined below:

1 INITIAL TREATMENT AFTER INSTALLATION

Sweep or vacuum dust and larger dirt particles from the floor.

- a) If the flooring is not overly dirty, we recommend using a wet mopping with a neutral or alcohol-based cleaner diluted in water.
- b) Remove tougher stains with a surface cleaning machine or a rotary disc floor machine fitted with a yellow or red 3M-cleaning pad and a neutral cleaning product or suitable basic cleaner (max. pH 10). If necessary, the flooring may be polished with a rotary disc floor machine fitted with a beige or red 3M-cleaning pad once the surface has dried. (300 to 1000 rpm)

However, if the flooring will be initially coated after cleaning, the rotary disc floor machine must be fitted with a green 3M-cleaning pad. After the dirty solution is vacuumed up, the flooring must be rinsed with clean water at least two times and allowed to dry completely. Disregarding this may cause the product to coat insufficiently.

2 INITIAL TREATMENT

Armstrong DLW linoleum and vinyl floorings with factory PUR surfaces does not require initial treatment after installation. However, it may be performed if necessary.

Information regarding suitable products for initial treatment is available upon request at +49 (0) 71 42 / 71 340.

2.1 SURFACE DISINFECTION

In areas that are routinely disinfected, we recommend using a disinfection-resistant polymer dispersion if the flooring requires an initial treatment.

3 ROUTINE CLEANING

Choose a process depending on how dirty the floor is, and, if necessary, the type of initial treatment as well the hygiene and cleanliness requirements. Dry processes may be used depending on how dirty the floor is. This reduces maintenance costs and protects the environment because fewer chemicals are used.

3.1 DRY CLEANING

Routine dry cleaning is performed with a floor sweeper equipped with a fleece or microfiber cloth.

3.2 WET/DAMP MOPPING

Damp mopping

Remove loose dirt and light stains with damp mopping appliances. Completely wet the flooring surface (dilute cleaning product with water according to manufacturer's specifications), without leaving any standing water.

Wet mopping

Wet mopping entails using enough water so that a thin film of water initially remains on the flooring. Dilute water with alcohol-based or neutral cleaning products. Once the cleaner has taken effect, tough stains are loosened and may be removed with a mop that has been rinsed in the cleaner and wrung out.

This method does not require a machine. Simply use a double bucket with a wringer and a mop.

After drying, clean surfaces may be polished, if necessary, with a rotary disc floor machine (300 to 1000 rpm) fitted with a yellow or red 3M-cleaning pad. In areas that are routinely wet disinfected, we recommend adding a proper amount of disinfecting agent to the water.

3.3 SPOT CLEANING

Spot cleaning is understood as (local) intense treatment of very tough stains or scuff marks that can not be removed by mopping. Spray such spots or scuff marks with a composite cleaner. Do not use sponges or abrasive materials as they damage the PUR surface. These marks are best treated with rotary disc floor machines fitted with soft cleaning pads. Often very stubborn streak

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marks can only be removed through basic cleaning.

3.4 MACHINE CLEANING AND MAINTENANCE

Cleaning machines that scrub (soft brushes or read cleaning pad) and remove water in a single process are available for cleaning large surfaces. This process is similar to wet cleaning. Add a suitable machine cleaning agent to the water according to the cleaning agent manufacturer's instructions. In order to allow a protective film to build up on the surface, the machine's degree of suction should be set according to the manufacturer's specifications.

3.5 ACCESS FLOOR ELEMENTS

Please use the spot cleaning method (3.3). For loose SCALA PUR tiles take very few water when basic cleaning.

4 BASIC CLEANING

Basic cleaning is required for very persistent stains or accumulated layers of residual cleaning agent. It should be conducted routinely depending on the degree of floor usage. Use only basic cleaners approved for the type of flooring to be cleaned.

After the basic cleaner (water and basic cleaner => max. ph 10) is applied, basic cleaning is carried out with cleaning machines or rotary disc floor machines fitted with red 3M-cleaning pads or pad suitable for the coating. After the dirty solution is vacuumed up, the flooring must be rinsed with clean water very thoroughly and at least two times and allowed to dry completely.

5 CONDUCTIVE FLOORING

Conductive flooring does not have a PUR coat.

6 ADDITIONAL ON-SITE MEASURES

6.1 PROPER INSTALLATION OF DIRT TRAPS

Gratings in front of entrance doors must extend over the full width of the door so that they can not be bypassed. The gratings should be two to three paces long, i.e. approx. 150 cm. Use "open" or removable gratings whenever possible.

6.2 USE OF RUNNERS OR MATS

Cloth runners and mats may also be used to wipe feet in entrance areas. They protect floorings from fine particles of dirt, dust and moisture, and are easy to clean.

The use of mats or runners reduces cleaning costs and considerably improves the appearance and life of the flooring.

7 SPECIAL INFORMATION

7.1 DISCOLORATION

After long periods of contact, colored and, in particular, black rubber can leave discolorations on the flooring, which can not be removed. This discoloration can be caused by: car tires, cover material, the castors or feet of washing machines, refrigerators and stroller wheels, among others. The discoloration in this case does not appear immediately, but is the result of substances penetrating the flooring and their subsequent exposure to light. To avoid such discoloration, polyurethane casts must be used. If this is not possible, we recommend using protective plates.

Hair coloring products and intensely colored disinfecting agents can also irreparably discolor floor surfaces, if they are not removed immediately.

7.2 BID TEXTS

You can obtain sample texts for post-installation cleaning and initial treatment from our Advisory Service at: 0 71 42 / 71 3 40.

7.3 OFFICE CHAIRS / FURNITURE

Office chairs must be equipped with type W castors as per EN 12529 for use on elastic flooring, i.e. with soft castors or – depending on the type of furniture – soft underlays such as felt runners or Floor Care – inherent glider (school furniture) made by VS Vereinigte Spezialmöbelfabriken GmbH & Co. in Tauberbischofsheim, Germany. In order to avoid damage to the flooring, especially in schools and other buildings, additional care must be taken to ensure that the surfaces of chairs and other furniture that are in contact with the flooring are rounded and not sharp-edged. This must be taken into account when new wheeled chairs, chairs and furniture are being procured.

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7.4 ADHESIVE TAPES

When Adhesive tapes are used on the flooring please ask the tape manufacture about the digestibility to the flooring.

7.5 GENERAL INFORMATION

These recommendations are based in general on our practical experiences and reflect the latest cleaning techniques known to us at the time of publication. We are not responsible for their completeness, correctness or applicability in specific cases.

For SCALA PUR be carefully when cleaning and maintaining. The amount of water should be reduced so that it can not have a negative effect on the adhesives.

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8 LIST OF APPROVED MANUFACTURERS

8.1 CLEANING AND MAINTENANCE PRODUCTS

The manufacturers listed below are only examples. You may inquire with these manufactures regarding suitable cleaning and maintenance products for Armstrong DLW linoleum, SCALA and vinyl PUR. Equivalent products from other manufacturers may be used. If using products from other manufacturers, care should be taken to follow the product-specific manufacturer specifications. If necessary, please contact the product manufacturer. Each manufacturer is responsible for the suitability and compatibility of their products. They will be happy to provide this information.

BUZIL-WERK
Wagner GmbH & Co
Fraunhoferstraße 17
D-87700 Memmingen
Tel. +49 (0) 83 31 /930-6
www.buzil.com

Alfred Kärcher GmbH & Co.
Reinigungssysteme
Alfred-Kärcher-Straße 28-40
D-71364 Winnenden
Tel. +49 (0) 71 95 / 14-0
www.kaercher.com

Dr.Schnell Chemie GmbH
Taurusstraße 19
D-80807 Munich
Tel. +49 (0) 89 / 35 06 08-0
www.dr-schnell.de

CC-Dr. Schutz GmbH
P.O. Box20 03 33
D-53133 Bonn
Tel. +49 (0) 2 28 / 9 53 52-0
www.cc-dr-schutz.de

Johannes Kiehl KG
Robert-Bosch-Str. 9
D-85235 Odelzhausen
Tel. +49 (0) 81 34 / 93 05-0
www.kiehl-group.com

TANA Chemie GmbH
Ingelheimstraße 1 – 3
D-55120 Mainz
Tel. +49 (0) 61 31 / 9 64-03
www.tana.de

DREITURM GmbH
P.O. Box 11 40
D-36392 Steinau a.d.Straße
Tel. +49 (0) 66 63 / 9 70-0
www.dreiturm.de

LOBA GmbH & Co. KG
Leonberger Straße 56 – 62
D-71254 Ditzingen
Tel. +49 (0) 71 56 / 3 57-0
www.loba.de

Henkel - Ecolab GmbH
P.O. Box 13 04 06
D-40554 Duesseldorf
Tel. +49 (0) 2 11 / 98 93-0
www.ecolab.com

RZ Chemie GmbH
Industriepark Kottenforst
D-53340 Meckenheim
Tel. +49 (0) 22 25 / 94 46-50
www.rz-reinigungssysteme.de

Johnson Diversey GmbH & Co. oHG
Mallastraße 50 – 56
D-68219 Mannheim
Tel. +49 (0) 6 21 / 87 57-0
www.diverseylever.com

Wetrok GmbH
Maybachstraße 35
D-51381 Leverkusen
Tel. +49 (0) 2171/ 398-0
www.wetrok.de

Our Technical Advisory Service will also inform you of the cleaning and maintenance products which are recommended from the manufacture upon request at +1 (0) 7142 / 71 – 340.

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8.2 MACHINES AND ACCESSORIES

Cimex Vertrieb Deutschland
ELMOT Bollig & Beyenburg oHG
Bonner Wall 122
D-50677 Cologne
Tel. +49 (0) 2 21 / 38 27 39
www.cimex-deutschland.de

Nilco Reinigungsmaschinen
P.O. Box 14 80
D-71657 Vaihingen/Enz
Tel. +49 (0) 70 42 / 9 12-0
www.nilco.de

Columbus REINIGUNGSMASCHINEN
G. Staehle GmbH u. Co.
P.O. 50 09 60
D-70339 Stuttgart
Tel.+49 (0) 7 11 / 9 54 49 50
www.columbus-clean.com

Nilfisk-Advance AG
Siemensstraße 25 / 27
D-25462 Rellingen
Tel. +49 (0) 180 – 5 35 67 97
www.nilfisk-advance.de

Johnson Diversey GmbH & Co. oHG
Mallastraße 50 – 56
D-68219 Mannheim
Tel. +49 (0) 6 21 / 87 57-0
www.johnsondiversey.com

TENNANT GmbH & Co. KG (Sorma)
Mühlstraße 90
D-73547 Lorch- Waldhausen
Tel. +49 (0) 71 72 / 1 81-0
www.tennant.de

Henkel - Ecolab GmbH
P.O. Box 13 04 06
D-40554 Duesseldorf
Tel. +49 (0) 2 11 / 98 93-0
www.ecolab.com

Alfred Kärcher GmbH & Co.
Reinigungssysteme
Alfred-Kärcher-Straße 28 – 40
D-71364 Winnenden
Tel. +49 (0) 71 95 / 14-0
www.kaercher.com

8.3 CLEANING PADS AND BARRIER MATTING

3M Deutschland GmbH
Carl-Schurz-Straße 1
D-41453 Neuss
Tel. +49 (0) 21 31 / 14 21 94
or Tel. 14 31 50
www.3m.com

L.A.R. AG
Weingartenstrasse 11
CH-8803 Rüslikon
Tel. +41 / 1 / 7 72 80 00

Kampmann Bau GmbH
Bremer Straße 23
D-49811 Lingen
Tel. +49 (0) 5 91 / 71 08-0
www.kampmann.de

For technical questions regarding cleaning at Armstrong DLW AG:

Frank-W. Reiner, Tel.: +49 (0) 71 42 / 71 3 40

Fax: +49 (0) 71 42 / 71 1 46

e-mail: service_germany@armstrong-dlw.com

Internet: www.armstrong-dlw.de

Publication of this edition renders all earlier editions invalid.