

CLEANING AND CARE RECOMMENDATIONS

Using an uncared floor covering leads to greater wear and possibly to stains. Dirt, especially of the granular type, increases the scuffing effect on the surface of the flooring. Every floor covering, therefore, looks better if it is cleaned and cared for. Care, for example, incorporates using wiping care products. When cleaning large-area surfaces or heavy-duty areas of Armstrong DLW SAFEGUARDS we must differentiate between various work operations:

- Acceptance or initial cleaning
- Care actions
- Maintenance cleaning by wet mopping, damp mopping
- Major cleaning

To increase slip resistance the flooring surface of Armstrong DLW SAFEGUARDS are provided with silicon carbide quartz particles. By this increase in slip resistance cleaning is however made more difficult. But in this case:

Safety comes first.

1 Acceptance or initial cleaning

Prior to handing-over for use the new floor covering is subjected to acceptance or initial cleaning. Depending on the ingrained dirt a) neutral or alcohol cleaning agents or b) prime cleaning agents are applied. Depending on the degree of soiling wet cleaning is recommended, preferably with an automatic cleaning machine provided with a soft scrubbing brush or with a single disc machine. Appropriate prime cleaners are applied diluted with water and after application are allowed to take effect for a few minutes. By light mechanical treatment, for example, using a single disc machine plus an added scrubbing brush suitable for PVC dirt is released and then taken up with a water suction attachment. Since a better cleaning result is achieved with appropriate scrubbing brushes compared to cleaning pads, preference is to be given to them for structured Armstrong DLW SAFEGUARDS. Afterwards the whole surface of the floor covering must be rinsed with clean water and allowed to dry completely.

2 Care actions

For slip-resistant Armstrong DLW SAFEGUARDS' floor coverings care actions with self-shine emulsions or dispersions is redundant, since this reduces slip resistance. We recommend immediate application of a mopping care agent and/or a disinfectant by the wet mopping method.

3 Maintenance cleaning

Maintenance cleaning is performed depending on the degree and type of soiling with appropriately selected cleaning and mopping agents according to the methods described below.

3.1 Damp mopping

Slight soiling with loosely lying or slightly adhering dirt is removed with damp mopping devices. The top side of the floor covering is wetted completely with water (to which the mopping care agent is added according to the manufacturer's instructions) without the water remaining on the floor covering. A thin care agent film forms on the surface of the flooring after drying.

3.2 Wet mopping

For wet mopping an appropriate amount of water is used so that at first a thin film of water remains on the floor covering. Mopping care agents based on soap or wax according to the manufacturer's instructions are added to the water. After its exposure time even firmly adhering dirt is released and taken up with the wet mop soaked in the mopping care agent and then wrung-out. A thin care film remains on the floor covering after drying. This method requires a twin mobile bucket with a press and a wiper mop. Preference should be optionally given to mechanical cleaning depending on the structure of the floor covering and due to its surface character.

The use of matching disinfectants are recommended for floor areas to be regularly disinfected.

3.3 Mechanical cleaning and care

Cleaning machines, which scrub and vacuum in one operation, are available for large-area applications. The process corresponds to wet cleaning. An appropriate wiping-care agent according to the instructions of the manufacturer of the cleaning agent is added to the water. To enable the care film to form the suction function of the machine must be set as instructed by its manufacturer.

Utilization of automatic cleaning machines has proved to be especially effective on Armstrong DLW SAFEGUARDS.

4 Major cleaning

Major cleaning is regularly necessary appropriately to duty, or for very stubborn soiling and for superposed various layers of care agents. Prime cleaners diluted with water are applied and allowed to take effect according to the manufacturer's data. The dirt is then detached with a light mechanical treatment (scrubbing brush) and the used detergent solution sucked up with the water suction device. Single or multi disc machines with a reservoir are provided with an appropriate scrubbing brush. Following major cleaning the surface of the floor covering must be rinsed until all cleaning agent residues have been removed.

A renewed care action is applied once the floor covering has fully dried. Cleaning and care agent manufacturers offer matched cleaning and care agents. Therefore, it is advisable to use cleaning and care agents from the same manufacturer.

5 Additional actions for sites

5.1 Recommended installation of dirt trap zones

Gratings in front of entry doors must be as wide as the doors so that it is impossible to by-pass them on the sides. The grating length must be the length of two to three strides, i.e. approx. 150 cm. If possible, preference should be given to „open" or movable gratings.

5.2 Use of runners and mats

Runners and mats can also be used in the entry area to protect the floor covering of project sites. They protect the floor covering from fine-grain dirt, dust and moisture and are easily cleaned. Cleaning costs are reduced by clean-walking zones and the appearance and service life of the floor covering improve considerably.

6 Special notes

6.1 Stains

Coloured, but above all, black rubber can cause stains that cannot be removed anymore following extended contact. Possible causes are car tyres, masking materials, casters and feet of washing machines, refrigerators, prams and similar appliances. These stains do not develop immediately as a result of material deposits and subsequent exposure. Polyurethane casters must be used if such stains are to be prevented. Where this is not possible we recommend the use of underlay cups.

6.2 Tender texts

Prototype texts for acceptance cleaning and initial care actions are available from Armstrong's DLW Support Service on +49 (0) 71 42 / 71 – 3 40.

6.3 Office wheelchairs/furniture

Office chairs with rollers must be provided with type W casters in compliance with EN 12 529, i.e. with soft casters or - depending on the furnishings – with soft pads such as, for example, felt slides or floor care protective slides (school furniture) available from VS Vereinigte Spezialmöbelfabriken GmbH & Co., Tauberbischofsheim. To prevent damage to floor coverings especially in schools and similar sites care must be taken to ensure that the ground-contact area of chairs or furniture is rounded and not sharp-edged. This must be taken into account during procurement and use of wheelchairs, chairs and furniture.

6.4 Adhesive tapes

Please ask the concerned manufacturer for information on compatibility if adhesive tapes are to be applied to the flooring.

6.5 General

These recommendations are based on our general practical experience and comply with state-of-the-art cleaning methods insofar as they have come to our notice at the time of this publication. However, we accept no liability for completeness, accuracy and applicability.

7 List of manufacturers

7.1 Cleaning and care agents

The manufacturers listed are examples. Inquiries on appropriate cleaning and care agents for Armstrong DLW SAFEGUARDS can be submitted to them. Equivalent agents of other manufacturers can also be used. Observe the manufacturer's product-related specific instructions for their use. Consult the manufacturer of the agents if you have any questions. Usability and compatibility details are the responsibility of the respective manufacturer, who will be pleased to provide information.

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

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

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

CC-Dr. Schutz GmbH
P.O.B. 20 03 33
D-53133 Bonn
Phone: +49 (0) 2 28 / 9 53 52-0
www.cc-dr-schutz.de

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

Wetrok GmbH
Maybachstrasse 35
D-51381 Leverkusen
Phone: +49 (0) 2171 / 398-0
www.wetrok.de

DREITURM GmbH
P.O.B. 11 40
D-36392 Steinau a.d.Strasse
Phone: +49 (0) 66 63 / 9 70-0
www.dreiturm.de

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

Ecolab GmbH
P.O.B: 13 04 06
D-40554 Düsseldorf
Phone: +49 (0) 2 11 / 98 93-0
www.ecolab.com

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

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

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

The list of recommended cleaning and care agents of the respective manufacturers is also available on request from the Armstrong DLW AG Technical Support Service on +49 (0) 71 42 / 71 – 340.

7.2 Machines and appliances

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

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

Ecolab GmbH
P.O.B. 13 04 06
D-40554 Düsseldorf
Phone: +49 (0) 2 11 / 98 93-0
www.ecolab.com

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

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

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

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

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

7.3 Cleaning discs and dust trap mats

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

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

L.A.R. AG
Weingartenstrasse 11
CH-8803 Rüslikon
Phone: +41 (1) 7 72 80 00

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The publication of this version invalidates all previous versions.