



ARDEX TECHNICAL UPDATE

Update 63

September 10, 2015

To: ARDEX Corporate (select), Sales
Managers, Sales Professionals

From: ARDEX Technical

APCS Cleaning and Maintenance Procedures

We are writing to share our recommended cleaning and maintenance procedures for the ARDEX Polished Concrete System (APCS) products. These procedures are detailed below.

Should you have any questions on this information, or if we can be of further assistance, please contact the ARDEX Technical Service Department.

A handwritten signature in black ink, reading "Patrick J. Cunningham".

Patrick J. Cunningham
Technical Service Consultant

Maintenance Recommendations

ARDEX Polished Concrete Systems (APCS)

IMPORTANT NOTICE:

Maintaining the ARDEX Polished Concrete System and adherence to a recommended cleaning schedule will help the floor maintain its mechanically processed finish longer and reduce the absorption of spilled liquids. The use of the penetrating ARDEX PC FINISH™ allows for the mechanically processed floor to retain aesthetic quality without the use of topically applied coatings.

The ARDEX PC-T™ will remain as a reduced porosity topping. All timely efforts to remove prolonged, ponding liquids from topical interaction with the surface of ARDEX PC-T should be observed as staining can occur.

Do not permit standing liquids or place any non-breathable protective covering, rubber matting, rugs or furniture that can prevent proper curing of the ARDEX PC FINISH for 72 hours from the time of its installation. Failure to adhere to this recommendation can result in a whitening of the applied ARDEX PC FINISH and staining of the ARDEX PC-T surface.

Light pedestrian traffic over the installation may begin 24 hours after installation. Normal traffic is recommended 7 days after completion of the ARDEX PC-T.

MAINTENANCE:

1. Daily Maintenance and Cleaning:

- a. Once the system is fully cured, routinely sweep, dry mop and wash with neutral pH cleaners and water. Spot clean and dry areas of concentrated traffic as needed.
- b. The use of abrasive brushes or pads is not recommended as part of a daily maintenance program. The use of mechanical cleaning devices such as auto scrubbers and swing buffers should be employed only as needed. All mechanical cleaning devices must have the ability to remove all residual ponding water and cleaning agents.
- c. DO NOT USE cleaners that are acidic, have citrus (de-limonene) or butyl compounds. The application of highly acidic cleaners may etch or stain the surface, and reduce the ability of the floor to resist absorption. On-site test areas of the selected cleaner should be done to assure compatibility

2. Monthly or Quarterly Maintenance and Cleaning:

- a. As part of the maintenance of ARDEX APCS products, additional steps are required to assure the aesthetic and performance qualities of the products. Follow procedures as described in the above Daily Maintenance and Cleaning section above to initiate the maintenance process.
- b. Burnish / Micro Polish with a high speed burnisher or swing buffer. Pads for these devices should be of manufacturers recommendation for each individual piece of equipment employed. The pads should be of 3000 grit abrasion. All accessible areas should be traveled with equipment to additionally clean and add reflectivity to the areas.

3. Semi-Annual or Annual Maintenance and Cleaning:
 - a. Follow Daily Maintenance and Cleaning section procedures outlined above to initiate the maintenance process.
 - b. Burnish / Micro Polish with a high speed burnisher or swing buffer. Pads for these devices should be of manufacturers recommendation for each individual piece of equipment employed. The pads should be of 800 -1500 grit abrasion. All accessible areas should be traveled with equipment to additionally clean and add reflectivity to the areas.
 - c. Apply ARDEX PC FINISH per application instructions at a rate of 3,000 square feet per gallon and allow drying for a minimum of 30 minutes.
 - d. Burnish / Micro Polish with a high speed burnisher. Pads for this device should be of manufacturers recommendation for each individual piece of equipment employed. The pads should be of 3000 grit abrasion. All accessible areas should be traveled with equipment to heat set apply the ARDEX PC FINISH per application instruction and add reflectivity to the areas.
 - e. A second coat of ARDEX PC FINISH may be applied as described above for additional protection.

NOTES:

- a. Due to varying traffic frequency, timetables for the above procedures must be adjusted to fit the needs of the space.
- b. Localized traffic patterns may require more frequent application of the above recommendations.
- c. Please visit us at www.ardexamericas.com for technical data sheets, specifications and SDS.



Installation Environments for ARDEX Polished Concrete Systems (APCS)

We are writing to clarify suitable installation environments for APCS applications.

APCS applications are used with great success in interior, dry environments that receive foot traffic and/or minimal rubber-wheeled traffic, such as retail shops, showrooms, residences and office lobbies.

APCS applications are not recommended for the following: commercial kitchens; bathrooms; exterior spaces; heavy commercial projects, such as sports arenas and shopping mall common areas; industrial projects with constant fork-lift traffic; or any environment with chemical staining agents or potential long-term water exposure.

Should you have any questions on this information, or if we can be of further assistance, please contact the ARDEX Technical Service Department.

A handwritten signature in black ink, appearing to read "Patrick J. Cunningham".

Patrick J. Cunningham
Technical Service Consultant