

ATTACHMENT #2**OVERVIEW**

Quantum Guard HP ("QGHP") is Mannington's patented high performance urethane wearlayer with aluminum oxide particles, cured by a UV (ultra violet) process. Through this proprietary technology, Mannington is able to offer, low maintenance floor solutions that provide superior appearance retention, cleanability, and durability, and does not require the use of polish or wax.

The following products incorporate QGHP: **INSIGHT PLUS, BIOSPEC MD, LIFELINES II, MANNINGTON ASSURANCE II, ASSURANCE SQUARED, NATURE'S PATHS, NATURE'S PATHS LOCK SOLID, NATURE'S PATHS SELECT, CREATE, PRIMUS, RELAY RE and REALITIES**; and the maintenance instructions below should be followed for these products.

Note: For Mannington Commercial Hardwood please reference maintenance instructions related to commercial wood products.

**INITIAL
MAINTENANCE
FOR A NEWLY
INSTALLED FLOOR**

Proper cleaning is an essential part of keeping your floor attractive and these guidelines will help extend the appearance and life of your Mannington Commercial flooring product(s).

1. Allow the floor to bond to the underlayment/subfloor for at least 48 hours prior to cleaning the floor.
2. When moving furniture, etc into a room protect floor with appropriate runner boards and moving dollies.
3. Sweep or vacuum thoroughly.
4. Remove any marks on the floor's surface. Residual adhesive can be removed using a clean white cloth dampened with mineral spirits.
5. Damp mop the floor as required, using a neutral cleaner. Follow container instructions for proper dilution ratio.

**NO POLISH,
NO BUFFING
MAINTENANCE
OPTION**

Routine maintenance options for applications with normal commercial traffic include:

1. Dry sweep or dust mop the floor to remove the loose debris and grit.

Note: Using entryway systems / walk-off mats (non-staining types) at entrances to buildings prevent dirt, sand, grit and other substances from being tracked onto the floor and can reduce subsequent maintenance requirements.

2. Damp mop or utilize an auto scrubber with a properly diluted neutral cleaner on a regular basis in order to maintain an attractive floor appearance.
3. As necessary, wet scrub with appropriate scrubbing pad to prevent accumulation of stubborn soil, sticky substances, etc.

Note: Wet floors can be slippery. Wet floor signs should be conspicuous when wet maintenance is being performed.

**ALTERNATIVE
MAINTENANCE
OPTIONS**

Alternative maintenance options may include the use of polish, finish, wax or spray buffing. Polish is optional with Mannington Commercial products that incorporate QGHP. Alternate maintenance options may include:

POLISH OPTION:

1. When utilizing a polish on a newly installed Mannington Commercial flooring products with QGHP, it is required to thoroughly clean the floor with a "strong or deep cleaner" (not stripper) using an **auto-scrubber** or slow speed scrubbing machine using a tan or red pad or soft bristle brush. Rinse and allow the floor to dry before applying polish.
2. Apply two coats of commercial acrylic polish, making sure there is adequate dry time between coats.
3. Follow routine maintenance procedures. See above.

TIP: If planning to use a polish contact the polish manufacturer for recommendations regarding maintenance materials that best match your equipment, type and amount of traffic, desired gloss level and cleaning schedule.

SPRAY BUFF OPTION:

Spray buffing and high speed buffing or burnishing with machines operating at greater than 1500 rpm in order to restore gloss is not normally required for Mannington Commercial products with QGHP. If utilizing spray buffing or high speed burnishing make sure there is an adequate foundation of polish.

Note: Cleaning and maintenance frequency varies based on specific traffic volume and area of use. Use of entryway systems/walk-off mats, combined with daily sweeping and a reasonable wet cleaning frequency will help minimize more extensive maintenance steps.

Note: Areas that receive an excessive amount of traffic or heavy loads such as direct entryways, ER's, or common areas may require alternative maintenance options for optimal appearance.



Custom Corlon®

Commercial Vinyl Sheet Flooring

Smart maintenance programs consist of thorough dirt and grit control, removal of spills and stains, and protection of the floor surface.

Walk-off mats, sweeping, mopping, and vacuuming all help in the control of loose dirt and grit. Damp-mopping, spot-cleaning, and washing will remove most spills and stains. And polishing will give the floor a protective coating which can be periodically refurbished or removed when necessary.

Regular adherence to this type of program will assure a longer, more attractive life for the floor. Recognized quality name products should be used to insure consistency of performance.

A. Initial Maintenance After Installation

1. Sweep or vacuum thoroughly.
2. Do not wash the floor for at least four to five days after installation. This is to prevent excess moisture from interfering with the adhesive bond and/or seam treatments. The floor may be cleaned after installation by damp-mopping with a very dilute neutral detergent solution, carefully scrubbing black marks and excessive soil.
3. As a temporary measure, apply a minimum of two coats of high-quality, metal cross-linked, acrylic floor polish to protect the floor until regular maintenance procedures can be started.

B. Preparation for Commercial Traffic

1. Scrub the floor using a neutral detergent and a floor machine of 170-250 rpm capability equipped with a scrub brush or a scrubbing pad (3M blue or equal). However, if the floor is badly soiled and scratched, strip it using the same procedure but substituting a stripping detergent.

2. Thoroughly rinse and allow to dry.

NOTE: Do not flood the floor with rinse water, scrubbing, or stripping solutions.

3. Apply three to five coats of high-quality, metal cross-linked, acrylic floor polish. Sealers are not required because Custom Corlon is sealed at the factory. Allow at least 30 minutes' drying time between applications. Do not allow traffic on the floor for the length of time specified by the polish manufacturer.

C. Continuing Regular Maintenance

1. Sweep or dust-mop frequently. Use walk-off mats that are as wide as the doorway and long enough to trap dirt before feet reach the resilient floor. Clean the walk-off mats frequently.
2. Damp-mop the floor as appearance requires. Use a dilute, neutral-detergent solution. A light scrubbing with an automatic floor machine may also be performed.
3. After damp-mopping or light scrubbing, the floor may be spray-buffed or burnished (dry-buffed) to restore gloss.

a. To spray-buff, a dilute floor polish (7% to 8% solids) or a spray-buffing compound is sprayed onto the floor. Before the liquid can dry, it is buffed with a floor machine capable of 170 to 1100 rpm, equipped with a buffing brush. A thin, protective, glossy film remains after buffing the liquid dry. This procedure allows the base coat of polish to be protected, reducing the need for stripping. Severe traffic areas may require an extra coat of polish weekly.

b. Ultra-high-speed burnishing, utilizing machine with 900 to 2000 rpm capacity, allows a large area to be buffed in a short period of time. This is a dry procedure done on a floor coated with a good base of polish specially formulated for burnishing. Reapplications of polish are needed to maintain the base of polish. Operators of ultra-high-speed floor machines should be well-trained. Careless or improper use of these machines can result in severe and expensive damage to the floor.

D. Stripping

1. Use of good quality maintenance products and conscientious regular adherence to a quality maintenance program will greatly reduce the need for stripping. Stripping should be done only when necessary.
2. Procedures for stripping are outlined under Preparation for Commercial Traffic, B.1., substituting stripping pads (3M green or equal) or brushes. This procedure should not be performed within the first four to five days after installation.