

Installation, Maintenance & Warranty

Homogeneous Vinyl Sheet

INSTALLATION SYSTEM

Subfloor Preparation

1. The surface of a concrete subfloor must be dry, clean, smooth and structurally sound. It must also be free of depressions, scale or foreign deposits of any kind.
2. The surface shall be free of dust, solvents, varnish, paint, wax, oil, grease, residual adhesive, adhesive removers and other foreign materials that might affect the adhesion of resilient flooring to the concrete or cause a discoloration of the flooring from below.
3. Spray paints, permanent markers and other indelible ink markers must not be used to write on the back of the flooring material or used to mark the concrete slab as they could bleed through, telegraphing up to the surface and permanently staining the flooring material.
4. If these contaminants are present on the substrate they must be mechanically removed prior to the installation of the flooring material.
5. A rough concrete floor can be ground smooth with a commercial diamond or carbide-equipped grinding machine.
6. Use self leveling compound over the grinded concrete floor. Thickness of the compound may vary depending on the level difference of the subfloor (3mm-8mm). Armstrong strongly recommends self leveling compound for all vinyl applications.
7. Presence of moisture in subfloor is very common and considered to be the biggest enemy for any floor covering product. Sufficient drying time should be given to the subfloor before installation of vinyl floor. Use a poly masking tape method for finding moisture content of subfloor.

Installation Procedure

Installation shall be carried out according to Armstrong's recommendations (www.armstrong.co.in). The recommended adhesive should be used to ensure satisfactory installation.

Adhesive

Armstrong recommends VOC free water based adhesive like Arobond 44 of Arofine Polymer or equivalent. Rubber based adhesives or any other solvent based adhesives should not be used with Vinyl Sheet installation. Rubber based adhesives should be limited for accessories installation only.

Maintenance Recommendations

Maintenance solutions:

1. Armstrong Neutral agent (Cleaner)
2. Armstrong Protect (Sealant)
3. Armstrong Shine Keeper (polish)
4. Armstrong stripper (Stripping solution)

Maintenance tools:



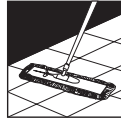
Single disk scrubbing machine



3M Scrubbing pads



Vacuum cleaner



Mop

Vinyl floor cleaning types:

- A. Post installation maintenance
- B. Regular maintenance
- C. Periodic Maintenance
- D. Restorative maintenance

A. Post Installation maintenance

Start the cleaning process only with a red pad

1. Vacuum or clean the floor of any dust using a vacuum machine.
2. Scrub the floor for approx 15 mins with the help of Armstrong cleaner solution. Use Cleaner with water in a ratio of 100ml to 5 Litres of water.
3. Post 15mins of scrubbing use vacuum machine to clean the soiled water. This procedure needs to be conducted simultaneously so that the soiled water does not dry.
4. Repeat the above procedure twice for the affected area in a gap of 10 mins. In area of hard stains the machine can be used to scrub a little longer till the stains fades completely.
5. Last step is one time wet buffing with a clean 3M white pad and 2 times dry buffing with the same pad type.

B. Regular maintenance

1. High traffic zone:

- Vacuum the floor daily to remove hard dust particles.
- Light cleaning using Armstrong cleaner can be done on daily basis or 2 times a week. Use 3M red pad only.
- Daily wet buffing (3M white) to be done. Use Armstrong cleaning solution
- Last step here is dry buffing with 3M white pad.

2. Low traffic zone:

- Daily wet buffing (3M white) to be done. Use Armstrong cleaning solution.
- To follow dry buffing.

C. Periodic maintenance

1. Follow post installation maintenance procedures as per above. Use 3M green pad where ever hard stains are found and use 3M red pads where ever light stains are found.
2. After dry buffing which is the last step, use Armstrong shine keeper or Polish.
3. Polish is not diluted with water (NOTE).
4. 2 coats to be applied in a gap of 30mins drying time.
5. Polish procedure to be followed as recommended by trainer. Right application procedure will avoid line marks.
6. A fresh installed flooring would not require polish for 7 months to 12 months. This procedure depends on the kind of daily maintenance being carried out at the site.

D. Restorative maintenance

1. This process introduces Armstrong stripping solution.
2. This maintenance procedure is recommended only for hardest possible stains which have been persistent even after periodic maintenance. Less usage of stripping solution will add life to vinyl sheet.
3. Step 1 is to follow post installation maintenance with a 3M green pad (as above).
4. Post cleaning , use Armstrong stripping solution (do not add water to stripper) and a brown pad to scrub the affected area. (This procedure needs to be done immediately post cleaning, do not do buffing at this point)
5. This scrubbing procedure to be carried out until the hard stains are completely removed.
6. Once stains are gone, vacuum the soiled water.
7. Change the scrubbing pad to 3M Red pad and use water only to do light scrubbing. Use vacuum to clean the soiled water.
8. Repeat if necessary.
9. Conduct wet buffing and allow it to dry.
10. The floor should be dried before the sealant application, for 15-20 mins.
11. Sealant application is done as per recommendations by trainer. 2 coats to be applied in a gap of 30 mins.
12. 2 coats of polish is applied in a gap of 30mins.
13. Floor ready to use is 6 hours. Allow proper ventilation and keep air condition in running mode.

Important Points To Note

1. During maintenance restrict any foot movements on the area.
2. During restorative maintenance procedure, please seal off the affected area.
3. Dry buffing pad should be different than wet buffing pads.
4. All welding areas needs to be cleaned manually with the help of Armstrong cleaner and green scrubbing pad.
5. Cleaning work only to be carried out with Armstrong maintenance solutions as advised above.
6. At areas where scrubbing cannot be performed with a machine cannot reach, cleaning work to be carried out manually.
7. Maintenance work force needs to use gloves and clean foot wear while carrying out maintenance work.

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