



**JENFLOW SYSTEMS**

**EPOXY PLUS**

# Guide to Cleaning Resin Floors

May 2019



# INTRODUCTION

Resin flooring systems are resistant to many types of commonly inflicted damage, both from the environment and spillages however the use of appropriate maintenance is vital in prolonging the life of your resin floor.

The use of appropriate cleaning regimes will ensure that you will get the best performance from your floor. Each cleaning regime differs dependent upon the application and it's specific hygiene requirements, the type of floor installed, the duty and the degree of soiling experienced.

Certain industries require specific standards of hygiene and cleanliness, including food and pharmaceuticals, whilst in other industries such as engineering, waste products can cause actual physical damage to the floor if not removed often and correctly.

There are many different methods and ways to clean the resin floors which will all be explained within this guide to ensure that the maintenance of the floor is kept up to a high standard and results in the perfect finish.

However, even though resin floors are tough resilient systems, for the performance characteristics of the floor to be maintained, an appropriate cleaning regime should be agreed in advance.

## **NEW RESIN FLOORS**

All new resin flooring systems should be protected from UV light for the first 7 days post installation. If this is not adhered to then the rate of potential discoloration will be increased.

# CLEANING

Cleaning a floor is split into two components; a mechanical component and a chemical component. With these two components combined together, they work to a mutual advantage.

***The mechanical component:*** this consists of using the correct amount of energy on the floor. It can be applied to the floor by creating a scrubbing motion with your hand. The most common input is used by mechanical agitation which can be created by a floor scrubber. Also, high energy inputs can be achieved through using high pressure washers, hot water washers and steam cleaners.



***The chemical component:*** this consists of cleaning solutions. Placing down cleaning solution acts to dissolve any soiling or contamination that is present. This then must be followed up by the removal of contaminated water and rinsing of the floor; ensuring the rinsing water is clean. This is a key part to ensure a successful cleaning routine.



The majority of general purpose floor cleaning materials won't affect the resin flooring however we do recommend to carry out a spot test in a unobtrusive area to ensure that it does not damage your floor. We suggest using Jenflow Eco Cleaner to clean floors to ensure no detrimental damage to your flooring system.

Resin floors will not dust but however, dust can settle from other sources such as dusty beams from above, from processes, can be brought in from goods and also can be blown in from outside. Fine particles of dust, dirt and debris act as abrasives with traffic unless the floor is regularly cleaned and can cause damage over time.

# CLEANING REGIME

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To maintain a clean, safe and healthy environment, proper management is required including suitable cleaning/vacuum removal and dust control systems such as mats. In addition to this, a routine of manual/mechanical sweeping is needed when required.

For general cleaning it is recommended to do the following:

1. Vacuum the surface. Lint rollers may also be used to collect fine particles of dirt & debris
2. Apply Jenflow Eco Cleaner to the surface
3. Allow a few minutes for the cleaner to agitate the surface
4. Wipe clean with a microfiber mop (do not use coloured mops due to risk of staining). Agitate with a microfiber cloth if necessary.
5. Allow to dry and repeat as necessary.

Note: Do not use bleach for cleaning the surface

Steam mops may be used

# MOP

The use of a microfibre mop and bucket should be used for dealing with spillages, but is not suitable for routinely cleaning the floor. Too much heavy use of the mop and bucket may remove heavy soiling but typically, the water is changed infrequently with the result that the floor is usually wiped with dirty water and a film of dirt spread uniformly across the floor.



Whilst traditional mop and bucket cleaning works effectively for spillages, proper cleaning regimes are necessary to ensure optimum performance.

Note: it is better to spray a mist of eco cleaner on the surface, & use a microfiber mop. You can then use a dry microfiber mop to collect any remaining debris/dirty water.



# LINT ROLLER

A steam mop can also be used when cleaning resin floors.

Another cleaning method that can be used is a lint roller. The use of a lint roller retrieves and eliminates any dust, dirt or debris from the



# FLOOR SCRUBBER

A floor scrubber is the most common and preferred method for cleaning resin floors on a larger scale.

A floor scrubber ensures:

- A controlled application of the cleaning agent.
- An effective scrubbing action.
- A continuous of clean water.
- A continuous removal of dirty water.
- A continuous drying of the floor.

When using a floor scrubber the choice of the use of brushes or pads will be determine upon the profile and characteristics of the floor and the degree of soiling. Brushes are normally more effective on floors with raised non slip finish, and floors with significant texture.



# PRESSURE WASHERS

Pressure washers are not advised for cleaning due to being very aggressive in nature.

*Note: Particularly when using a steam cleaner always check with the contractor/manufacturer as to the suitability of the floor for constant steam cleaning.*

# WASTE DISPOSAL

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Consideration should be given to the disposal route for waste water that is produced through the floor cleaning process. Even if environmentally friendly products have been used it shouldn't be assumed that the waste water generated is able to be disposed of through the normal drainage system. This will depend upon the level and type of contamination present in the solution, the disposal point and the quantities being produced.

# CLEANING MATERIALS

There are a wide range of cleaning materials available for the cleaning of flooring. Please check with resin manufacture prior to using other cleaning materials. Some cleaning materials may have an adverse effect upon a specific surface if used on a specific surface if used in the incorrect concentration, giving rise to etching, softening or other damage to the surface or body of the finish. This can be a one off effect or cumulative as a result of repeated activity.

## JENFLOW CLEANING MATERIALS

### **Eco Cleaner**

Jenflow Eco Cleaner has been specially formulated to be used with our resin products & is environmentally friendly, solvent free & can be used for heavy cleaning. Eco cleaner is a vital tool for achieving a successful finish and reducing the risk of any contamination during the installation process.

### **Wear Resistant Wax/Polishing compounds**

Eco cleaner can also be used for general cleaning & maintenance purposes.

### **Lint Roller**

### **Acetone & Isopropanol**

Use Acetone or Isopropanol to clean tools or use small amounts to create amazing effects on your Jenflow floor.

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# AFTER CARE

Once the floor has been finished, it is extremely important that it receives the correct after care to give it a longer lasting life and enable it to maintain it's finishing look.

There are a variety of prevention measures that can be put in place to prevent the floor from scratching:

- Removal of shoes when walking on surfaces
- Regular cleaning
- Doormats can prevent the occurrence of scratches on the floor, by rubbing your shoes on the mat before entering the room will lift off and eliminate any dust, debris or dirt that may be present on the shoe; keeping the floor clean.
- Rubber caps on furniture such as chairs
- Use of matting in areas where hair dye is being used (Note: Hair dye that is left on the surface will likely stain the surface)
- Do not drag furniture across the surface



Any area that is likely to have repetitive movement of furniture, chairs, traffic it is advised to use protective measure to increase the longevity of your floor. For example areas where sharp chair surface are moving back and forth constantly this create a heavy abrasive spot and is likely to mark resin floors over time.

# **AFTER CARE**

If the correct cleaning and maintenance schedule is used, the appearance of your floor can be easily maintained. Floors with a high gloss finish may dull overtime if the correct cleaning & maintenance are not carried out.

## **Repairing of the surface**

Jenflow flooring products may be polished to assist in removing scratching, increasing lost gloss levels and to create a smooth discrepancy free surface. Polishing also helps to compact the system and increase scratch resistance further.

In addition Jenflow polishing compounds can be applied to the surface post polishing to add as further resistance.

Polishing can be used as a good maintenance method to maintain your floor to its high standard.

For information regarding polishing contact a member of the Jenflow team or your resin installer.

## **UV Protection**

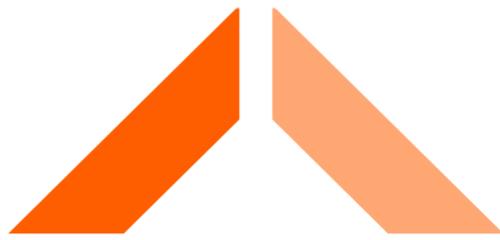
Jenflow UV clear protective film can be applied to windows post installation to reduce the UV light contacts with your floor which will reduce colour fading over time. This is more relevant to white floors that have heavy UV light exposure.

UV protective waxes are also available.

# GENERAL TIPS & ADVICE

- Carry out an initial clean before use and take care when installing equipment being used.
- Clean the floor regularly in order to maintain the finishing look.
- If a spillage occurs, clean it up immediately.
- Eliminate traces of oil and grease immediately
- If your resin floor has a textured surface; use brushes—not mops.
- Consider a higher frequency of maintenance to heavily trafficked areas such as entrances, where the levels of grit, dirt and wear are highest. Heavily trafficked areas need more attention.
- Always follow the instructions provided by the manufacturers of chemicals and equipment.
- Regularly clean your cleaning equipment.
- Use the best quality of cleaning equipment available.
- Ensure cleaning and maintenance levels are higher in areas subject to accidental contamination by chemicals, bacteriological or radioactive materials.
- **DON'T** use solvents.
- **DON'T** use excessive water.
- **DON'T** mix chemicals and agents.
- **DON'T** use excess amount of cleaning agents required.
- **DON'T** use phenol based cleaning chemicals.
- **DON'T** use synthetic scrubbing pads on textured resin floor finishes.

Please observe all regulations regarding contaminated water and the potential introduction of chemical cleaners and waste into surface water and drains and sewers.



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**Contact** the Jenflow team today for:

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