

# Floor Striping Methods & Durability

Durability

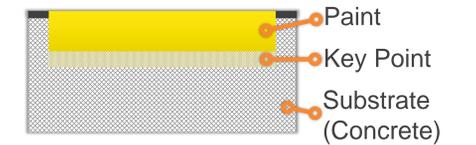
## The Culprits Named and Shamed.

- Pallets, pallets, pallets. Drag them and they will kill most floor striping systems. If the FLT and the PPT guys would lift them high, and the pedestrians would replace damaged ones... all would be tip top!
- Hard wheels, fast moving and carrying two pallets per load, the powered pallet trucks (PPT's) are devastating for line striping. The most damaging loads are cages. Cages are pushed and dragged... "Well they have wheels", sure, but they are hard, they scrape and damage even the concrete.
- Stopping forklift trucks (FLT's) and reach trucks turning on lines would increase their lifespan significantly. Forklift trucks apply high point loads, but thanks to their wheel types, the impact is limited.
- Pedestrians should be the ideal type of traffic, but they don't pick up debris, clean the floor or change damaged pallets and if there are enough of them, they can wear through most things.



## Increase the lifespan of your floor striping

Lift Clear	Clean Feet	Floor Watch	Pallet Care
Ensuring the forklift truck drivers and warehouse operatives lift pallets clear off the floor before manoeuvring.	Entrance mats can reduce the amount of dirt and debris carried in on shoes.	Instil awareness in the workforce to remove debris and harmful objects when they are spotted.	Removing or repairing damaged pallets will prevent them being dragged and gouging the coating.



It's below the floor, FLT's and PPT's ride on to and off it, they cannot hit the side of the line, crack it or break the paint away.

This is the dominate warehouse striping solution.

Specialized concrete preparation machines are used to create a channel, by removing the smooth surface to a highly accurate width and depth. This channel opens the concrete and provides a horizontal and vertical face for the paint to key to. The process is captive, minimizing dust and debris.

The hardest wearing paints are used with this method, typically resin based epoxies. This is important as paints such as MMA's can be too brittle and polyurethane's too soft. All colors can be used, making this a solution for all areas.

Advice provided suggests using this method in the busiest areas, in combination with the shot blasted method for the complete system. This will help minimize cost and future configuration issues.

This is a 'permanent' option, once the channel is made, it remains. The only real option for reconfigurations is to re-coat with a grey paint, the same material as that applied originally.

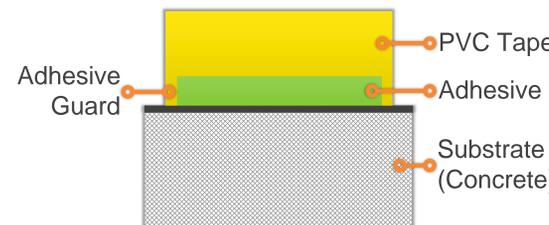


Warehouse and distribution center experts know this method of line striping as the option to choose for cost effective and durable floor markings.

Using specialist equipment to prepare the concrete surface, the smooth layer of concrete is removed from the surface, revealing a rough and open surface for paint to key to. The process is captive, minimizing dust and debris.

The ideal paint types to use are epoxies and polyurethane's, those which have a high solid content once cured or dried. If these were applied to unprepared surfaces, they would break away, but on prepared, they are extremely durable and around the most hardwearing available.

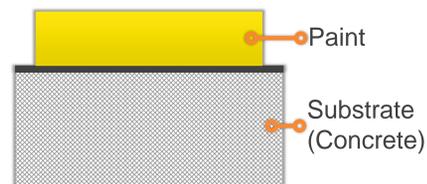
This method does require specialist installation services but offers long-life performance, so as a yearly cost, this is far more cost effective and less labor intensive.



This is not standard floor tape!  
Durable floor tapes are the development of years of researching, testing, modification, re-testing and finally proven performance in the major distribution centers throughout the country.

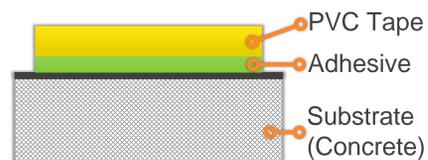
There are various grades with relative pricing but fundamentally, these are easy to apply, adhesive backed tapes, which can be cut with knives and scissors.

Durable floor tapes can be removed more easily than paint but may cost more to purchase and install than paint.



This is the solution chosen by more warehouse and distribution professionals than any other. It is produced with paint applied directly to a cleaned floor. Paint types may include acrylics, epoxies, and polyurethane's of varying performance capabilities and pricing.

This method is applied by roller or sprayed using specialist equipment designed to cover large areas in huge facilities.



The method known by most people is a simple PVC tape applied to the floor for a quick, cheap and temporary solution.

### PVC Floor Tape

Above the Surface



### Direct Paint

Above the Surface



### Durable Floor Tapes

Above the Surface



### Shot Blasted (Floor Prep)

Above and Below the Surface



### Embedded (Floor Prep)

Below the Surface

