Floor Striping Methods and their Durability Levels

The Culprits Named and Shamed.

- Forklifts, pallet trucks, and domestic traffic are the most damaging for floor striping systems. Of the TLT and the PPT, we should look at them, and the pallet trucks would replace damaged ones… all would be tip top!

- Hard wheels, fast moving, and carrying two pallets per load, the powered pallet trucks (PPT) are devastating for floor striping. The most damaging loads are trucks. Cages are pushed and not stopped… “Well they have wheels”, sure, but are hard, they scrape and damage even the concrete.

- Stopping fork lift trucks (FLT) and mouth trucks driving on them would increase their lifespan significantly. Forklifts apply high impact loads, but thanks to their wheel types turning on lines would increase their lifespan. Stopping forklift trucks they can wear through most things. They don’t pick up debris. They scrape and damage even the concrete. “Well they have wheels” loads are cages. Pallets, pallets. Cheap and the powered pallet trucks, pallets. Drag them and they will kill. (Substrate Adhesive PVC Tape, Concrete) sure. But they are hard. (Substrate Adhesive PVC Tape, Concrete) are.

- Increase the Lifespan of your Floor Striping

   Lift Clear
   - Ensuring the fork lift truck driven and warehouse operatives lift pallets clear of the floor before manoeuvring.

   Clean Feet
   - Encourage staff to remove dirt and debris carried in on shoes.

   Floor Watch
   - Increase awareness in the workforce to remove debris and harmful objects when they are spotted.

   Pallet Care
   - Removing or repairing damaged pallets will prevent them being dragged and gouging the coating.

   5s Toppings?
   - Work surface and distribution centre leaders know the potential of the striping as an 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, resulting a rough and open surface for paint to key to. This process is captive, minimizing dust and debris.

   The ideal paint types to use are epoxies and polyurethane, those which have a high solid content once cured or dried if these were applied to unprepared surfaces, they would break away. As prepared, they are extremely durable and around the most hardwearing available. This method does require specialist installation services but is often long-life performance, as a permanent solution. This is far more cost effective and durable floor striping as the option to choose for warehouse and distribution centers throughout the country.

   Advice provided suggests using this method in the busiest areas. For all areas, this is a ‘permanent’ option, once the channel is made, it remains. The only real option for future configuration issues, for all areas. This will help minimize cost and future configuration issues.

   This is the dominant 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. This process is captive, minimizing dust and debris.

   The hardest wearing paints are used with this method typically epoxy based paints. 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.

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   Pick Your Flavor

   Paint
   - Key Point
   - Substrate (Concrete)

   PVC Tape
   - Adhesive
   - Substrate (Concrete)

   - Open Blasted Surface

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