

## HIGH TECH'S SHOT BLASTING PROCESS

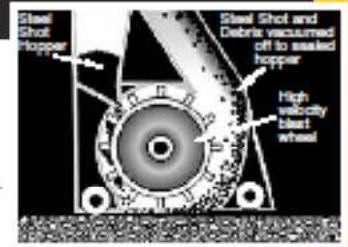
Shot-blasting is strongly recommended in order to create a strong bond, or adhesion, between the paint and a concrete surface. Shot-blasting is a method to remove existing striping or to prepare a concrete surface for paint. Small metal beads chip away paint or etch the concrete surface with a self contained vacuum. Clean up is extremely minimal; however, this method can be timely and costly. The surface can be etched in (5") passes; a perfect width for a (4") painted line.

The customer should be aware that the smooth surface will become etched and grainy once the shot-blasting is complete. Typically, prep work will only require (1) pass and removal may require (2) passes. The amount of passes a removal may require is dependent upon the thickness and hardness of the existing paint.

A layout must be established when prepping a surface for future striping. The guiding factor for a shot-blaster is the center of a (5") pass.

If shot-blasting is not performed before striping a concrete warehouse floor

then the product cannot be fully guaranteed. On a non-etched surface, forklifts and other types of traffic and daily wear can scrape the paint from the smooth surface. This is caused by a lack of texture, or coarseness, to which the paint could properly bond.



Shot-blasting a smooth concrete floor.

## HIGH TECH'S STRIPING PROCESS

Striping a warehouse requires good communication and execution. Typically, the paint used for warehouse projects is a two-component product. Although this product is very durable and will last for many years, it is subject to external variables over a given period of time. Simple maintenance will prolong the striping's effectiveness. Maintaining the product

entails cleaning the surface of the paint with a liquid cleaning agent, or degreaser, and hot water. The area may be cleaned manually or with a sponge mop or even a mechanical sweeper.

The customer should fully understand the unique qualities of this product before the project begins. If the customer expects these vari-

ables to occur, then he / she will not be surprised by any marking or scuffing the paint may absorb in the future. If the paint does not received the proper time needed to cure then the customer must also understand that the probability of areas scuffing are highly increased and this should not reflect any accountability upon the contractor.

*It is extremely important the customer understands the following:*

- 1** The paint will get dirty (dirt, dust, grease, tire marks).
- 2** The paint will scuff and scrape in isolated areas. (forklift, pallet, nails)
- 3** The product requires in-house maintenance to remain clean and highly visible.
- 4** The proper time and necessities the paint will require properly hardening / curing.
- 5** Projects with blasting are guaranteed for three years but some projects have lasted up to ten years before needing to be re-sprayed.

