

TIPS FOR MAINTAINING COATED CONCRETE FLOORS

The longevity of Spartan coatings, owner acceptance and long-term satisfaction ultimately depends on the level of routine maintenance and care given to the floor.

- 1) Train and educate employees to avoid sliding and scraping heavy equipment pallets and other articles across coating. Equip forklifts and other material handling equipment with non-marking tires.
- 2) Use of **soft, flag tipped nylon brushes** or equivalent on automatic scrubbers, single disc machines, sweepers or brooms is recommended on all but the most heavily soiled conditions and on non-skid floors. Hard bristles and pads may scratch or abrade the surface and will result in premature loss of gloss and reduced coating life.
- 3) Dust mop lightly trafficked areas with **Spartan Dust Mop/Dust Cloth Treatment**. Frequent, at least daily, removal of abrasive dirt such as grit, sand and metal chips helps to prolong gloss, good appearance and coating life.
- 4) To prolong coating appearance and longevity, always use the least aggressive cleaner and cleaning system to accomplish the cleaning job.

Spartan Shinline Multi Surface Cleaner or **Green Solutions® All Purpose Cleaner** is recommended for routine daily soil removal.

Heavier soils, greases, oils and other chemicals should be removed as soon as possible to reduce dangerous, slippery conditions for employees and to minimize possible staining, discoloration and possible chemical damage. **Pathmaker, IC-115, BH-38** and **Green Solutions® Industrial Cleaner** are the recommended cleaners.

To spot clean and remove difficult soils, use **Orange Tough® 15** or **Tough Duty®** or, in extremely difficult cases, **SC-200** or **Shinline Emulsifier Plus®**. **Shinline Emulsifier Plus** may cause some gloss reduction. Do not use Orange Tough products if a recoat of New Generation 100 is planned.

Some very difficult to remove greases and black marks may only be removed with a solvent such as Xylene.

Test the use of such solvents in inconspicuous areas to determine if the particular Spartan coating installed in your facility will withstand the solvent. Use the solvent only to the extent absolutely necessary and use with caution.

Use **Spartan Pressure Washer Cleaner** or **Pathmaker** with a pressure washer to clean corners, machinery bases and around and under tight areas as well as for removal of gross soil. Squeegee or wet vac up the cleaning solution as quickly as possible to avoid slippery conditions.

Pressure washers also make rinsing easier and more effective. Do not allow dirty cleaning and/or rinse water to dry on floor. The redeposited soil will form a haze or film which is difficult to remove.

If disinfecting is required, for light soil removal, use **HDQ Neutral, DMQ® or Green Solutions® Neutral Disinfectant Cleaner**. For moderate soil, use **Sterigent®** or **PSQ®**. Use **metaquat®** for the heaviest soil load. Metaquat may cause some gloss reduction.

Textured (Skid-Resistant) Floors - Use a more aggressive nylon brush on textured skid-resistant floors. Use Spartan **Pathmaker** or **Pressure Washer Cleaner** in an auto scrubber and/or pressure washer for wet cleaning.

Inspect floors monthly. Patch and repair deep scratches, gouges and holes as soon as possible to avoid the spread of damage. This is especially important in wet areas. Use small amounts of the original Spartan product or **New Generation Patch & Repair Kit** for larger, deeper damage. Abrade and recoat severely damaged or large scratched areas. If coating is worn down to concrete, shot blast and remove adjacent coating in same manner.

Use a white pad or soft flag tipped nylon brush on a propane machine to improve appearance of large areas of lightly scratched coating.

Gloss can also be restored to a high performance coating by the applying of any Spartan floor finish and/or **Straight Seal**. Avoid the use of Straight Seal if a recoat of New Generation 100 is planned.

Contact your Spartan Representative for additional details of this maintenance program.