

Smith's

Product Data Sheet

WBMARK-vPDS-08042026

WB MARKING PAINT

**Ready-to-Use, Fast-Curing Traffic Paint
for Floor Marking & Safety Lines, Curbs,
Pest Control Inspection Aisles & more**

DESCRIPTION: Smith's WB Marking Paint is a ready-to-use, high solids, fast curing, waterborne polymer ceramic solid color marking paint with fast return-to-service & good opacity in 2 to 3 coats. Yields a slightly textured, low sheen solid color finish.

Applies with a paint roller / brush or a sprayer then air dries within 1½ to 2 hours for full traffic at 72°F (22.2°C).

RECOMMENDED USE:

- Interior or Exterior
- Line Striping
- Pest Control Inspection Areas
- Demarcation lines
- Curbs
- Floor Markings
- Airport tarmacs



SUBSTRATES:

- Concrete
- Well bonded, properly prepared coatings & industrial floor paints
*Test for compatibility over existing fully cured paints / coatings. Apply within previous layer product recoat window unless sanded dull then cleaned for application over resinous or low permeability coatings
- Asphalt walking paths or parking lot lines
- CMU & Cinder Block Walls
- Brick & Pavers

HIGHLIGHTS:

- Fast Air Dry & Return-to-Service, even at 50°F with high air humidity (with up to 90% Ambient Humidity at time of application)
- Durable – Accepts Forklift & Pallet Jack traffic within a few hours
- Single Component – Ready-to-Use & Easy to Apply
- Excellent U.V. Stability – Interior or Exterior Applications
- Long Recoat Window – Allows recoating of subsequent layers or as soon as firm set or for up to 4 days after initial application
- Moisture Resistant once walkable
- Non-Flammable & Low VOC's – Use in all regions
- Tenacious early & long-term adhesion to a variety of substrates
- May be applied up to 30 mils WFT in a single layer
- Temperature resistant up constant 150°F (after 1 week cure)
- Good Opacity with 2 coats
- Holds crisp tape line edges – Good bleed through resistance
- Soap & water clean-up while wet
- Meets Federal Specification TT-P-1952F Type III

STORAGE: Indoors between 45°F (7.2°C) to 90°F (32.2°C)

Do NOT overheat liquid in a hot vehicle, store in a non-climate controlled facility, etc. otherwise damage may occur to the polymer



INSTALLATION TEMPERATURE RANGE (Substrate Surface):

Spray Applied = 50°F (10°C) to 100°F (37.7°C)

Rolled / Brush Applied = 50°F (10°C) to 86°F (30°C)

SHELF LIFE:

1 Year in original, unopened containers;

Use within 30 days once opened for best results



AVAILABLE COLORS (All with Low Sheen, Slightly Textured Finish):

- White 5500
- Traffic Yellow 3538
- *Black 5600
- *Dark Green 4108
- *Safety Red 1136
- *Safety Blue 5180

PACKAGE SIZES:

1 Gallon Paint Cans



*Made-to-Order / Non-Stocking Colors – Please allow for 4 production days when ordering

CURE TIMES (6 to 10 mils WFT @ 72°F (22°C) / 50% Ambient Humidity):

Pot-Life	Ready-to-Use
Working Time (wet edge after initial roll)	5 to 6 minutes
Tack Free (no pickup time ASTM D711)	20 minutes
Recoat Window (without need for sanding to degloss between coats of Smith's WB Marking Paint)	up to 4 days See page 4 regarding cure time prior to topcoat by product
Light Rain Exposure (no bleed)	30 minutes
Foot Traffic	60 minutes
Heavy Traffic (i.e. vehicles)	1½ to 2 hours
Full Cure	3 days

*Allow longer cure time at cooler application temperatures

**Tape test to determine dry to no pickup when ambient humidity exceeds 65%

COATING SYSTEM PROPERTIES (DRY FILM):

Property	Test Method	Results
Adhesion to Concrete	ASTM D4541	Concrete Fails
Flexibility	Fed. Spec. TT-P-1952B	Pass
Bleeding (applied over Asphalt saturated felt conforming to ASTM D226 for Type 1)	Fed. Spec. TT-P-1952E	<0.97
Water Resistance (fully cured)	Fed. Spec. TT-P-1952B	Pass – No blistering, softening, adhesion loss, nor deterioration
Storage Stability (Open container ≥75% full, 30 days)		No caking – Readily mixes to a smooth, homogeneous state
Heat Stability	Fed. Spec. TT-P-1952E	>10 Krebs Units
Freeze / Thaw Stability	Fed. Spec. TT-P-1952E	>10 Krebs Units
Odor (during application)		Ammonia
VOC's (varies by color)	ASTM D3960	<99 g/L
Volume Solids (varies by color)	ASTM D2196	57%
Dry Film Thickness (Total for 2 to 3 coats)		10 to 20 mils DFT
Finish		Low Sheen with slight texture

APPROXIMATE COVERAGE (per 1 gallon; 2 coats recommended):

Coverage varies due to application thickness, floor profile & absorbency of concrete.

Pest Inspection or large areas	Approximate Yield = 2 coats	
Porous	48 to 175 sq.ft. per gallon	
Non-Porous	55 to 200 sq.ft. per gallon	
Lines (single coat)	Porous	Non-Porous
4 in. width @ 10 mils WFT	456 lin.ft. per 1 gal.	528 lin.ft. per 1 gal.
4 in. width @ 20 mils WFT	228 lin.ft. per 1 gal.	264 lin.ft. per 1 gal.
6 in. width @ 10 mils WFT	300 lin.ft. per 1 gal.	348 lin.ft. per 1 gal.
6 in. width @ 20 mils WFT	150 lin.ft. per 1 gal.	174 lin.ft. per 1 gal.
18 in. width @ 12 mils WFT	80 lin.ft. per 1 gal.	96 lin.ft. per 1 gal.
36 in. width @ 12 mils WFT	40 lin.ft. per 1 gal.	48 lin.ft. per 1 gal.



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LIMITATIONS:

- Do NOT Apply within $\pm 5^\circ$ of Dew Point
- Do NOT Expose to water within 3 hours of application
- This product does not provide a chemical resistant film
 - Topcoat with an appropriate clear polyurethane or Polyaspartic (see page 4) for protection against surface stains or chemical spill damage
- Do NOT Apply to surface:
 - Below 50°F (10°C) at time of application
 - If temperature is expected to fall below freezing within 10 hours after application
 - Hot substrates, especially in direct sunlight, due to risk of flash curing, bubbles, blistering, etc. greater than:
 - $>86^\circ\text{F}$ ($>30^\circ\text{C}$) when roller or brush applied
 - $>100^\circ\text{F}$ ($>37.7^\circ\text{C}$) when spray applied,
- Do NOT Store above 95°F , (i.e. hot vehicle, non-climate controlled warehouse, etc.)
- Do NOT Overheat paint in striping system above 110°F (43.3°C) when spraying

PRECAUTIONS / WARNING:

- Use with adequate ventilation when mixing, applying & curing

PERSONAL PROTECTION EQUIPMENT RECOMMENDED:

- Use of self-contained respiratory equipment (TC 19C NIOSH/MESA) - Avoid inhaling atomized spray & fumes
- Wear Chemical Resistant Gloves
 - Avoid all contact with skin
- Wear Chemical Resistant Eye Protection
 - Prevent contact with eyes

NECESSARY TOOLS & EQUIPMENT:

- Plastic Sheetting or Ram Board to cover floor for mix station
- Premium, Non-Shed Paint Roller Covers (use trim / cabinet roller covers similar width to the desired line width)
 - Smooth, interior substrates or broom finished concrete = $3/8"$ Nap
 - Lightly textured exterior substrates such as smooth asphalt, pavers, block walls, etc. = $1/2"$ Nap
 - Worn asphalt, stamped concrete or asphalt, etc. = $3/4"$ Nap
- Paint roller frame with extension pole & paint tray
- Masking Tape
 - Smooth interior surfaces - Solvent-resistant automotive masking tape
 - Textured surfaces - Vinyl Stucco tape
- Water & rags (for cleaning tools, drips & spills)
- Paint stir sticks
- Low speed $1/2"$ drill (300 to 450 rpm)



TEMPORARY HEAT: Moisture vapor is emitted by fueled temporary heaters which creates condensation (i.e. Dew Point) on the surface of the floor & may cause an amine blush with epoxy products. Some temporary heaters may emit unburned petroleum into the air, especially if the equipment is not functioning properly, which will act as a bond breaker once it falls onto the surface of the substrate.

Take precaution when using LP, gasoline, diesel, etc. fueled temporary heat:

- Always shut off temporary heat at least 2 to 3 hours prior to application to reduce risk of becoming close to Dew Point
- Fisheyes are a result of surface contamination or an amine blush on an epoxy based previous layer which must be cleaned off in addition to mechanical preparation
 - Solvent wiping the substrate is not sufficient for removing these residues
 - After mechanically preparing surface, always clean the surface with [Smith's Oil Clean](#) or similar using an auto-scrubber followed by a thorough clean water rinse when temporary heat has been used to minimize risk of surface defects or peeling
- Ensure exhaust emissions & toxic fumes from temporary heaters exhaust to the exterior of the building to prevent health hazards & damage to work

INSPECT THE SUBSTRATE: Ensure substrate is structurally sound, solid & free of bond breaker contaminants, such as oil, loose paint, curing compounds (including Cure & Seal products), wax, silicone, etc. Mechanically remove any bond breakers.

MOISTURE TESTING:

Interior Concrete Moisture Vapor & Alkalinity Testing –

Moisture vapor testing of interior concrete is highly recommended prior to application of this product to achieve long-term adhesion as well as help indicate other potential risks such as contaminants, etc. that may pose a risk for delamination, chemical attack, etc. that may not be caused by moisture vapor emissions or high alkalinity.

- Do NOT Exceed maximum moisture vapor limitations of any part of the interior floor coating system
- Always refer to the product data sheet of any previous layer which this product will be applied over
- Does not suppress moisture vapor
- Do NOT apply to visually damp substrates

Maximum moisture readings below relate solely to installation directly to bare interior $\geq 4,000$ psi concrete with a functional, intact under slab moisture vapor barrier:

ASTM F2659	<3% MC (used to determine placement of below test locations)
ASTM F1869	<3 lbs. / 1,000 sq.ft. / 24 hours with 9 to 11.5 pH
ASTM F2170	<85% Relative Humidity
ASTM F3441	8.5 to 11.5 pH using a pH Pen with Distilled Water
*Additional testing & treatment is necessary below 8.5 or greater than 12 pH	

Visit www.astm.org to purchase the test methods. Interior environments require an acclimated environment for valid results.

Testing pH levels with a pH pencil or Litmus paper along with distilled water is a very inexpensive, straightforward way of identifying a potential risk, in conjunction with Moisture Vapor testing using multiple above methods to determine whether more in-depth testing should occur.

Exterior Concrete Substrates – Must be clean, sound, solid after mechanically preparing to obtain good long-term performance. See preparation section for more information.

Check exterior concrete moisture via:

[ASTM F2659](#) <4% MC

[ASTM D4263](#)

ONLY ACCEPTABLE FOR EXTERIOR DECORATIVE CONCRETE STAIN or CEMENTITIOUS DECORATIVE OVERLAYS FOOT TRAFFIC ENVIRONMENTS
- No indication of moisture present, neither dampness indicated visually by color darkening of concrete nor condensation on the concrete surface or the plastic

Allow new concrete to cure for no less than 10 days per 1 inch of slab thickness to allow proper strength to develop to properly prepare the surface to remove soluble minerals which leech out during cure as well as moisture to evaporate sufficiently. Once cured, follow recommended preparation instructions on page 3 bottom right column under "CONCRETE – EXTERIOR UNSEALED >4 months old".

Smith Paint Products is strictly a product manufacturer which does NOT offer any testing or analysis but may be able to offer guidance to an appropriate testing lab or third-party inspector.

When in doubt, hire a qualified third-party testing firm with appropriate certifications & credentials.



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SUBSTRATE PREPARATION:

Oil Contamination – [Smith's Oil Clean](#) may be used to remove oils, such as petroleum, synthetic & food oils, from the surface of concrete using a floor machine with water to scrub the floor:

- Orbital floor machine = ≤300 rpm & lightweight
- Square head floor machine = approx. 3,000 rpm with no added weight

Pre-dampen concrete, brick, pavers, block, etc. with water then spray apply or pour [Smith's Oil Clean](#) onto the oil contaminated area. Generously spread using a soft bristle, exploded tip clean push broom.

Next, thoroughly scrub agitate the area with a floor buffer with a soft to medium bristle nylon brush head (preferred) or use a nylon bristle deck brush for confined areas against walls, corners etc. making multiple passes until the soil has been broken down.

For light oil / grease contamination or regular maintenance, dwell for 20 to 30 minutes while ensuring the area remains wet with water, mist with additional water during this time as needed. Scrub again then thoroughly rinse with clean, potable water using an auto-scrubber (interior surfaces) or pressure wash with 12,000 working units using a zero degree rotating nozzle tip to remove all residue until no soap suds remain.

Remove all standing water from the surface with an auto scrubber, wet vacuum or leaf blower. Allow to air dry. Once the surface appears visibly dry, check to ensure water readily absorbs into the concrete by pouring a 2 inch wide bead of potable water on the cleaned surface to ensure the water begins to soak in & darken the concrete within 1 minute or less.

If oil continues to "weep" out of the concrete or water doesn't readily soak into the surface of the concrete, repeat above cleaning process with [Smith's Oil Clean](#) allowing a longer dwell time until water readily darkens the concrete within 60 seconds once fully rinsed with clean water.

For heavy oil & grease contamination, soak the area with water then apply [Smith's Oil Clean](#) to intended area, scrub to agitate as stated above, mist with additional water to ensure the surface remains damp then cover with ≥4 mil plastic sheeting overnight, allowing product to dwell undisturbed for as long as possible. [Smith's Oil Clean](#) must be kept damp to remain active. The following day, remove the plastic, soak the area with water then scrub / agitate to bring all residues on the surface back into suspension within the soap bubbles then thoroughly rinse with clean, potable water using an auto-scrubber (interior surfaces) or pressure wash with 12,000 working units using a zero degree rotating nozzle tip to remove all residue until no soap suds remain.

Remove all standing water from the surface with an auto scrubber, wet vacuum or leaf blower. Allow to air dry. Once the surface appears visibly dry, check to ensure water readily absorbs into the concrete per [ASTM F3191](#) by pouring a 2 inch wide bead of potable water on the cleaned surface to ensure the water begins to soak in & darken the concrete within 1 minute or less.

If oil continues to "weep" out of the concrete or water does not readily soak into the surface of the concrete, repeat above cleaning process with [Smith's Oil Clean](#) allowing a longer dwell time until water readily darkens the concrete within 60 seconds once fully rinsed with clean water.

For elevated temperature application or areas exposed to excess winds, apply plastic sheeting over treated area.

Chemical Contamination – Additional testing may be required to determine the type of chemical contaminant, such as Petrographic core analysis. Once type of chemical is identified, contact Smith Paint Products for recommendations.

PREVIOUSLY COATED SURFACES – First, perform an [adhesion tape test \(ASTM D3359\)](#) to determine if the existing paint or coating is well bonded to the substrate. If so, test for compatibility with previously coated or painted surfaces by applying a test area of Smith's WB Enamel Marking Paint over the existing coating to determine compatibility (Example test area of approximately 3 square feet or 12 linear feet of 4" wide line striping). If test area shows wrinkles or lifting of the old coating, complete removal is required down to bare concrete. Always remove any loose or peeling paint / coatings.

Once compatibility is confirmed, clean the existing coating then thoroughly sand the area to be painted to degloss / dull the surface as well as remove unwanted imperfections. Vacuum to remove all dust followed by either cleaning with an auto-scrubber filled with a neutral pH detergent then rinse with clean, potable water or remove dust with a dry microfiber dust mop making multiple passes with a fresh, clean microfiber pad for each pass until no dust is seen on the pad after wiping.

CONCRETE - INTERIOR – Prepare concrete to ensure all latency has been removed & concrete readily absorbs water when a 2" diameter bead of clean, potable water is poured onto the prepared concrete surface which should uniformly darken in color as well as begin to soak into the concrete within 60 seconds. If water does not readily absorb & darken the concrete, mechanically prepare to achieve a CSP ≥2 (Concrete Surface Profile in accordance with ICRI Guideline 310.2R2013, as published by the International Concrete Repair Institute) yielding a surface texture similar to 120 grit sandpaper or more course in order to attain optimal long-term adhesion to the substrate using the below methods:

- **Diamond Grind** – Use 25 to 80 grit soft bond metal diamonds with an appropriate industrial, weighted head walk behind or ride on floor grinder for larger areas or use a vacuumized angle grinder with an appropriate diamond cup wheel to thoroughly remove the concrete surface until uniformly white & absorbent
- **Steel Shot Blast (Shot size S-230 to S-330 grit recommended)** – Uniformly profile & clean concrete substrates overlapping each pass until white, clean concrete exists. Use magnetic broom to remove excess shot, sweep to remove large debris & vacuum to remove fine dust. Avoid stationary blasting as micro-cracking the concrete surface may potentially cause future coating delamination

CONCRETE - EXTERIOR UNSEALED >4 months old – Must be clean, dust free, sound, solid with any loose or weak surfaces removed to obtain good long-term performance. Use [Smith's Green Clean Pro](#), to clean, prepare & break-down salts / other soluble minerals from the surface of exterior concrete, stone, brick, pavers, block/CMU walls, etc. which have not been previously sealed or coated with a film forming sealer,

Prepare using Pressure Washer &

Smith's GREEN CLEAN PRO
Organic Cleaner & Profiler

paint, coating or wax to ensure an even, dull appearance with no patterning or dis-similar appearance. Exterior concrete must be strong enough to withstand pressure washing in conjunction with [Smith's Green Clean Pro](#) to remove any soluble salts & mineral build-up. New concrete must cure to no less than 95% of design strength with testing ≤4% MC (ASTM F2659) when assessed with a gravimetric concrete moisture meter prior to applying this product. Click for [video](#).

- Liberally apply [Smith's Green Clean Pro](#) then agitate with a low speed orbital floor machine (<300 rpm) with a soft nylon bristle brush head while keeping the areas wet for 20 to 30 minutes then rinse until no soapy residue or slurry remains with rinse water remaining clear. Shiny areas should not exist after otherwise need further treatment.

NOTE:

- DO NOT USE MURIATIC/HYDROCHLORIC ACID TO PREPARE CONCRETE AS CHLORIDE CONTAMINATION CAN OCCUR, especially with Type 1L concrete
- When etching, ensure all Green Clean Pro has been thoroughly removed with potable water with no remaining soapy residue or cement slurry
- DO NOT USE on "Green" concrete less than 30 days old, smooth/hard trowel finished or previously sealed / coated / painted concrete to include any type of curing compound

Once properly prepared & clean, check absorption per [ASTM F3191](#) to ensure a water droplet darkens & begins to soak into the concrete within 1 minute after being dripped onto the surface. Please refer to ICRI Guideline 310.2R2013 for more in-depth preparation details & recommendations.



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EXTERIOR - FRESH / NEW ASPHALT – Must cure for no less than 30 days old prior to coating. Do NOT Use over sealers which were applied in the past 30 days as freshly applied sealers may affect the cure & adhesion of a traffic marking paint. After a sealer has cured for greater than 30 days, use a leaf blower to remove debris & loose particulate from the surface prior to coating. If necessary, clean to remove build up dirt / debris with a neutral pH detergent (use maximum water dilution) followed by a pressure wash clean water rinse then allow the asphalt to dry overnight prior to application of this product.

EXTERIOR - EXISTING ASPHALT SEALERS – Do NOT Apply over recently applied Asphalt sealers due to a considerable risk of poor adhesion. Allow asphalt sealers to age a minimum of 4 months prior to coating with Smith's WB Marking Paint then clean with a neutral pH detergent (use maximum water dilution) followed by a pressure wash clean water rinse then allow the asphalt to dry overnight.

PREMIXING & BOXING COLORS: Using a mixing paddle attached to a ½" low speed drill (300 to 450 rpm) or paint stir stick, mix Smith's WB Marking Paint to disperse any separated materials during storage to ensure a uniform product with no swirls or color separation.



When a project requires multiple containers of Smith's WB Marking Paint, box all units of product of the same color together prior then mix followed by redistributing back into the original packaging to ensure uniform finished color, especially when using multiple batch numbers.

**ALWAYS
BOX
COLORS!**

**to Ensure
Colors Match
between BN's**



APPLICATION:

SPRAY



inhaling atomized spray & fumes.

Smith's WB Marking Paint may be applied vertically via sprayer (air atomized or airless), brush or roller (close nap).

When spraying, use of self-contained respiratory equipment (TC 19C NIOSH / MESA) is required of all personnel in the area to avoid

In all cases, observe OSHA / NIOSH regulations for respirator use (29 CFR 1910.134) whenever a respirator is used. Spray equipment must be equipped with properly working vapor traps & air supply must be dry. In poorly ventilated enclosed areas, a fresh air supplied mask should be worn.



Spray Equipment type	Tip	Pressure
Airless	0.021 – 0.035	1,500 to 3,000 psi
Air Atomized	1.3 to 2.5 mm	20 to 30 psi

Refer to spray equipment manual or contact the equipment manufacturer regarding sprayer usage recommendations.

For areas with vehicle or forklift traffic, [Smith's Glass Bead](#) (Course or Mild grit only) may be broadcast into the wet film within the initial 5 minutes after application.



Pour off the desired quantity of Smith's WB Marking Paint into a paint tray then dip & roll apply in even coat on the substrate using the appropriate nap premium, non-

shed paint roller attached to an extension pole. Cut in edges & tight areas using either a paint brush or a trim / cabinet roller of the same nap as the roller used for the larger area.

For lines, once the first coat is dry to the point of being tacky with no transfer to your finger when touched & firm enough to walk on without indenting, the next coat may be applied.

For larger areas, allow an additional 10 minutes of cure once the surface is tacky with no transfer to the touch before walking on the surface to apply the second coat and/or third coats.

Cover used paint roller covers, paint trays & brushes if attempting to save for use the following day by wrapping in aluminum foil or place in a plastic bag.

COVERAGE: See Coverage Chart on Page 1.

RECOATS: Check by touching the surface. If the previous coat is tacky but no color transfers to your finger, you may proceed with the next coat of Smith's WB Marking Paint.

OPTIONAL INTERIOR TOPCOATS: When topcoating interior floor applications, allow to cure for minimum time stated below for each product. Test other products prior to installation for compatibility:

Cure time prior to Optional Topcoat	55°F	72°F	86°F
Smith's Poly-SEAL+	10 hours	4 hours	3 hours
Smith's Poly-WB+	NOT RECOMMENDED	4 hours	3 hours
Smith's MCU-60	NOT RECOMMENDED	OVERNIGHT	
Smith's CRU'86	NOT RECOMMENDED	OVERNIGHT	
Smith's Hi-Wear 90S	NOT RECOMMENDED	OVERNIGHT	
Smith's Polyaspartic 1000	24 hours	OVERNIGHT	
Smith's Polyaspartic 7000 _{LO}	24 hours	OVERNIGHT	
Smith's Polyaspartic 2000	24 hours	OVERNIGHT	
Smith's Polyaspartic 8000 _{LO}	24 hours	OVERNIGHT	
Smith's Polyaspartic 5000 _{LO}	24 hours	OVERNIGHT	
Smith's Polyaspartic 6000 _{LO}	24 hours	OVERNIGHT	

If another coat or a topcoat is desired over Smith's WB Marking Paint which has cured longer than 4 days at 72°F (22.2°C) / 50% humidity, sand the entire surface uniformly prior to applying next coat. Warmer conditions will shorten maximum recoat window.

Do NOT Topcoat Smith's WB Marking Paint for exterior applications nor in direct sunlight exposure.

To determine compatibility of a topcoat not listed above, apply a mock-up with the desired topcoat over Smith's WB Marking Paint then allow to dry overnight prior to performing an adhesion tape test (ASTM D3359) while also looking for any signs of incompatibility, such as wrinkling or blisters in the topcoat finish.

CLEAN-UP: Do NOT allow product to dry on spray tips, in equipment lines, or on paint brushes, etc.

Clean tools / equipment immediately after use. Flush sprayers with clean, potable cool water or ammonia thoroughly to rinse.

Product will be difficult to remove from tools once the paint begins to set which will require Acetone scrubbing to remove



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SLIP RESISTANCE: Smith Paint Products recommends the use of slip-resistant aggregate in all coatings that may be exposed to wet, oily, or greasy conditions as well as any condition where increased traction may be necessary. It is the contractor & end users' responsibility to determine the appropriate traction needs & footwear necessary for the conditions as well as set performance parameters prior to beginning the application then determine parameters have been met upon completion to achieve the end users documented safety standards.

Mock-ups are highly recommended to determine the appropriate amount of slip-coefficient necessary for the environment.

Use Course grit (20 mesh) [Smith's Glass Bead](#) or (40 mesh) [Smith's Resin Sand](#) when using a traction additive.

INTERIOR FLOOR MAINTENANCE:

[*Click here for in-depth maintenance & cleaning recommendations](#)

Dust mopping, removal of debris & regular cleaning is crucial to maintaining the aesthetics & optimizing the life span of an interior floor coating system. Cleaning cannot occur too often & inefficient cleaning will cause the floor to wear out prematurely and / or possibly stain or discolor depending on what comes in contact with the floor. Spills should be removed quickly. *Avoid the use of Polypropylene or abrasive bristle (Tynex®) brushes as these brushes will cause the development of scratch patterns & lessen the sheen.*

To maximum your investment with proper floor care & maintenance, remove all particles that may scratch and / or dull the floor coating using the least aggressive method necessary to clean the floor.

It is good practice to develop a floor maintenance schedule to be performed at the end of each shift & a set day per week or month for heavy cleaning:

- Daily = Sweep & dust mop or water only mopping/auto-scrubbing; spot clean spills & oils
- Weekly or Monthly = Scrubbed once per week or month depending on the amount & type of soils present

Health Dept. or DEA regulations may necessitate more frequent & stringent cleaning practices as will areas more prone to oils, inks, chemicals, etc. on the floor surface.

DETERGENT: Use the least aggressive detergent necessary to remove the soil to preserve the performance & longevity of the floor coating system. Use a neutral pH detergent at the maximum water dilution ratio for general purpose cleaning. Use [Smith's Oil Clean](#), or similar degreaser, for more degreasing & heavy-duty weekly or monthly cleaning. When utilizing any detergent to clean a floor, always follow with a thorough, clean water rinse to ensure no residues remain on the surface of the coating.

Caution:

- Do not drag or drop heavy objects across any floor, including coatings as scratching, gouging or chipping may occur to the concrete or the coating itself. This includes the tip of the forks on a forklift, nails protruding from a pallet, etc.
- Avoid spinning tires on a coated floor surface as the heat created from the friction of a spinning tire will quickly soften the coating causing permanent damage
- Should a gouge, chip or scratch occur, touch-up the damaged areas immediately to avoid chemical or water intrusion to the concrete which could create additional damage. A thin layer of clear nail polish to the damaged area will provide some minimal protection until the area can be properly repaired
- Rubber tires are prone to plasticizer migration, especially compounds such as aviation tires, motorcycles, and high-performance car tires. Plasticizer will stain coating and commercial flooring leaving an amber, yellow-like stain that can be permanent. This can be more noticeable where aircraft or vehicles are stationary for longer time period, more so in non-climate controlled environments such as aircraft hangar with lighter colored floors. To avoid plasticizer staining, use a piece of Plexiglas® or LEXAN® panels, cut a few inches in diameter larger than the tires that will rest on the panels, between the floor & the contact point of the tire when storing rubber-tired vehicles on any floor, including floor coating systems. Some tire stains can be removed if cleaned before a set-in stain occurs using a d-Limonene based degreaser with mild agitation via an orbital, low speed floor machine
 - [Click here for tips regarding tire marks](#)
- Avoid using "no rinse" cleaners or cleaners which may leave a residue on the surface, such as simple green®, as these products tend to build up a film causing the surface to become slippery, especially when damp, as well as attract soils and/or stains more than an appropriate cleaner

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