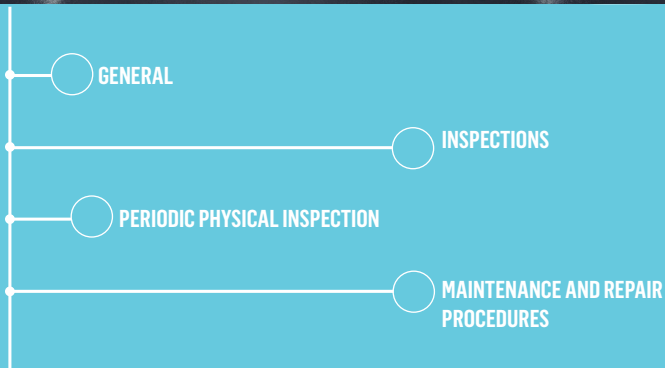
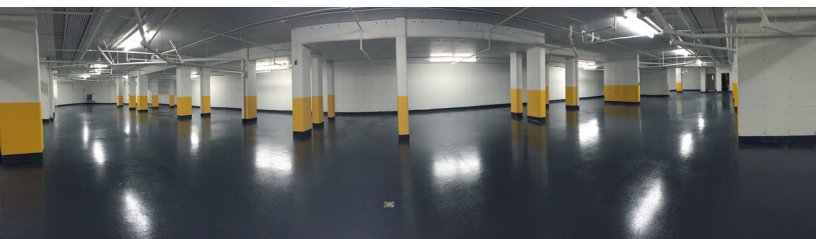


ALSAN TRAFIK BASE ALSAN TRAFIK HP

INSPECTION AND MAINTENANCE GUIDE



ALSAN TRAFIK BASE
ALSAN TRAFIK HP

GENERAL

Periodic inspections of the wearing course and waterproofing system must be performed at regular intervals to ensure the system will provide long term performance.

Inspection procedures should include:

- Cleaning surfaces and conducting a visual inspection of surfaces for cracks and/or delaminations.
- Regularly clean and maintain floor drains, scupper drains, down pipes and areas intended to control surface runoff to suitable points of discharge.
- Periodic review and physical testing of surface and substrate conditions.
- Record information.

INSPECTIONS

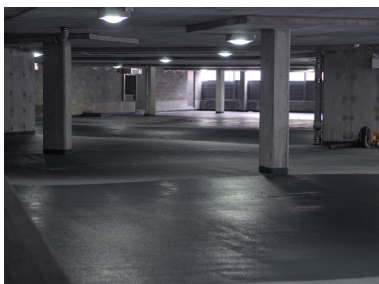
It is recommended to clean and inspect the parking deck surfaces at least every 6 months.

- Thoroughly clean surfaces using a bristle brush and mild soapy water with a biodegradable detergent to remove dirt, debris, oil and grease.
- Power scrub/wash hard-to-remove stains, marks or drips on the surface.
- Power wash equipment must not exceed a pressure of 1 000 psi at the nozzle.
- Avoid the use of solvents, and/or hydrocarbon type solvents for cleaning.
- Check for surface cracks, breaks, delamination of surface materials, spalled concrete, points of water leakage or water stains.
- Record all the information noted during the inspection on suitable documents or a layout diagram of the parking structure.

PERIODIC PHYSICAL INSPECTION

Conduct a yearly visual review and physical testing of the surface and substrate conditions to check for delamination, cracks or structural problems.

- Visually inspect sealants for integrity and/or signs of splitting or adhesion failure.
- Visually inspect the underside of parking decks, and exposed joint sealants for evidence of sealant failures or other leaks.
- Inspect the wearing surface of the system at the entrance of driveways, collector lanes, ramps, and other areas of steady traffic use or turning areas.
- Check for loss of grit or wearing course materials down to the waterproofing layer. Check for surface cracks, breaks or delamination of surface materials.
- Record all the information noted during the inspection on suitable documents or a layout diagram of the parking structure.



MAINTENANCE AND REPAIR PROCEDURES

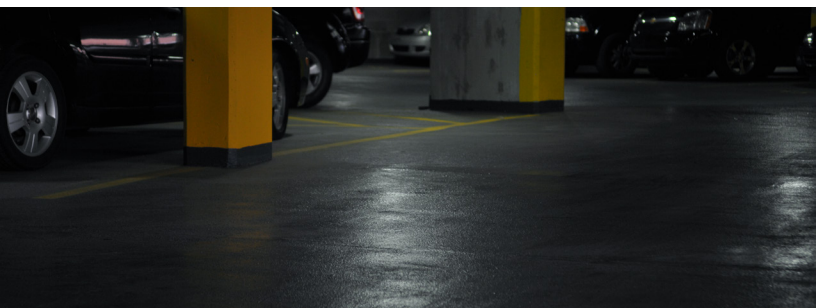
Managing the seasonal effects of weather conditions is key to the prevention of water intrusions causing the deterioration of structural building components (where applicable).

- During winter months, the immediate removal of snow by sweeping, shovelling, and/or snow-blowing is recommended.
- Do not pile and store snow within the parking structure/building.
- It is recommended that snow plows be equipped with suitable rubber blades to prevent physical damage to the membrane system, drains and/or expansion joints.
- Snow plow blades must be kept at a minimum of 13 mm (½ in) above the waterproofing system.
- Do not allow the use of studded tires on the surface of the system.
- Remove ice accumulation with chemical de-icing products.

Maintenance and repair procedures for **ALSAN TRAFIK BASE** and **ALSAN TRAFIK HP** systems should be completed by the original applicator to safeguard the integrity of the owner's responsibility to the manufacturer's product warranty.

Minor repairs to the wearing course and/or waterproofing membrane may be completed by qualified maintenance people.

Contractors must read and follow manufacturer's data sheets. Areas under repair must be protected from vehicular and pedestrian traffic for durations listed. Provide suitable ventilation when the systems are curing.



MAINTENANCE AND REPAIR PROCEDURES

MINOR SYSTEM REPAIRS

Procedures for minor repairs:

- Scrape and remove all loose or damaged material until only the **ALSAN TRAFIK PU 221** waterproofing membrane remains.
- Using a clean cloth, clean exposed surfaces including waterproofing materials surrounding the repair area with **ALSAN RS CLEANER**.
- Apply a continuous coating of **ALSAN TRAFIK HP 535** with a minimum wet film thickness of 14 mils onto the surface. Immediately broadcast aggregates into the wet material and back-roll with a roller to evenly distribute and saturate the aggregates.
- In ramp areas, apply the membrane at the specified rate and spread aggregates in the first layer to saturation. Remove excess aggregates after curing and before installing a second layer of **ALSAN TRAFIK HP 535** with a minimum wet film thickness of 14 mils.
- Allow **ALSAN TRAFIK HP 535** to cure 72 hours before opening the deck to traffic.

MAINTENANCE AND REPAIR PROCEDURES

RE-COAT OR EXTENSIVE SYSTEM REPAIRS

Procedures of re-coat or extensive repairs:

- Scrape and remove loose and damaged materials down to sound surfaces and/or adhered material.
- Using a clean cloth, clean exposed surface materials surrounding the repair area with **ALSAN RS CLEANER**.
- Allow solvents to evaporate and apply a continuous coating of **ALSAN FLOOR EP 101** or **ALSAN TRAFIK HP 515** with a minimum wet film thickness of 10 mils onto the surface. Primer shall be dry and tack free before applying **ALSAN TRAFIK PU 221**.
- Apply a continuous coating of **ALSAN TRAFIK PU 221** to the previously primed surface with a minimum wet film thickness of 25 mils.
- Once **ALSAN TRAFIK PU 221** is completely dry apply a continuous coating of **ALSAN TRAFIK HP 535** with a minimum wet film thickness of 14 mils. Immediately broadcast aggregates into the wet material and back-roll with a roller to evenly distribute and saturate the aggregates.
- In ramp areas, apply the membrane at the specified rate and spread aggregates in the first layer to saturation. Remove excess aggregates after curing and before installing a second layer of **ALSAN TRAFIK HP 535** with a minimum wet film thickness of 14 mils.
- Allow **ALSAN TRAFIK HP 535** to cure 72 hours before opening deck to traffic.

- END OF SECTION -

INNOVATION SINCE 1908

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ROOFS WALLS FOUNDATIONS PARKING DECKS BRIDGES ADDITIONAL EXPERTISE



WATERPROOFING



INSULATION



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