



# Escalator Handrail Cleaning Procedures

Welcome to Thomsen's Inc. Escalator Handrail Cleaning Procedures. We all now are painfully aware that escalator handrails can be dangerously contaminated. Repeated studies show that escalator handrails are one of the top three germiest places. **The Thomsen Way™** is an integrated, science-backed process that results in a cleaner, healthier, and safer transport experience for all handrail users. You deserve congratulations; by choosing to employ **The Thomsen Way™** as your cleaning solution, you have committed to your customers to provide them the best in public health and safety.

**Thomsen's recommends a very simple three-step approach to clean, condition, and sanitize escalator handrails. We will walk you through the equipment, cleaning, and sanitation solution mixing, suggest the frequency of cleaning, detail the importance of microfiber cleaning pads, and the simple maintenance for washing and reusing the cleaning pads. HD Cleaning Cycle**

### **PreCleaning Instructions:**

- Safety code requires that one always uses a barricade at the escalator entrance to stop pedestrian traffic when cleaning handrails. It is neither required nor recommended to stop an escalator while cleaning with Thomsen's Inc. Handrail Cleaning Systems.
- The cleaning system's entrance positioning allows the cleaning chemical to dry before entering the return handrail guidance system. Only apply chemicals to the lower microfiber cleaning pad; it should always be almost soaking wet. Never apply chemicals to the dry upper microfiber polishing pad.
- **A SIGNIFICANT SOURCE OF CONTINUING CONTAMINATION AND CONSISTENTLY HIGH HANDRAIL GERM LOAD CAN BE CAUSED BY FOULED INTERNAL HANDRAIL ROLLERS. FOR BEST RESULTS, BEFORE STARTING THE THOMSEN WAY CLEANING SYSTEM, PLEASE HAVE YOUR ESCALATOR MAINTENANCE COMPANY COMPLETE A THOROUGH CLEANING OF THE INTERNAL HANDRAIL ROLLERS.**
- **DEEP CLEANING AND HD CLEANER SHOULD NEVER BE USED ON PLASTIC HANDRAILS**

### **Equipment Required:**

- 1 Thomsen's Maestro Dual Escalator Handrail Cleaning System
- 3 Cleaning Pad Charging Buckets
- 3 1 oz. Thomsens 1-gallon Pump Dispenser
- 1 - 64-ounce dilution jug.
- 16 Thomsen's Microfiber Escalator Cleaning pads
- 3 oz.. of Thomsen's Heavy Duty Cleaner concentrate
- 3 oz.. of Thomsen's Cleaner/Conditioner
- 1 oz. of Thomsen's mPerial Disinfectant



## Thomsen's Operations Guide

### ESCALATOR HANDRAIL CLEANING AND SANITATION PROCESS

#### **Step 1. Clean Handrail with Heavy Duty Concentrate Solution Mix:**

1. *Fill the HD Charging Tray with 3 oz of concentrated Thomsen's Heavy Duty Cleaner chemical and then 32 oz of water- suggest mixing all three solutions in advance before moving the Maestro system to the escalator that will be cleaned.*
2. *Soak up to 6 cleaning pads in the HD charging tray.*
3. *Apply the soaked Heavy-Duty Cleaner Cleaning pad to the Lower Pad holder Adjust the fluid amount to dry before the fluids enter the return handrail roller system.*
4. *Apply a dry Cleaning Pad to the Upper Pad holder*
5. *Clean the handrail for up to 15 minutes with the HD Cleaner.*

#### **Step 2. Clean Handrail with Cleaner Conditioner Solution Mix:**

1. *Cleaner/Conditioner Charging Tray filled with 3 ounces of Thomsen's Cleaner/Conditioner concentrate and add 32 ounces of water and up to 6 cleaning pads.*
2. *Apply the soaked Cleaner/Conditioner Cleaning pad to the Lower Pad holder. Adjust the fluid amount to dry before the fluids enter the return handrail roller system.*
3. *Apply a new dry Microfiber Pad to the Upper Pad holder*
4. *Clean rail for 15 minutes*

#### **Step 3. Sanitizer Handrail with mPerial Solution Mix:**

1. *Disinfectant Charging Tray filled with 32 ounces of Thomsen's pre-diluted mPerial Disinfectant solution from the 1-gallon mixing jug.*
2. *Apply the Sparingly soaked Disinfectant Cleaning Pad to the Lower Pad holder Adjust the fluid amount to dry before reentering the return handrail roller system. (wring the cleaning pad well).*
3. *Apply a new dry Cleaning Pad to the Upper Pad holder*
4. *Disinfect the rail for 5 minutes Apply sparingly.*
5. *NOTE THAT EACH STEP NEEDS FRESH CLEANING PADS ON BOTH UPPER AND LOWER PAD HOLDERS AND THAT DRY PADS ALWAYS GO ON THE UPPER PAD HOLDER*

MOVE ON TO THE NEXT ESCALATOR



## Thomsen's Operations Guide

### Deep Cleaning Check-Off Sheet

1	<input type="checkbox"/>	Apply clean Thomsen's Cleaning pads to the upper and lower pad holders at the start of each cleaning cycle
2	<input type="checkbox"/>	Apply Thomsen's HD Cleaner (TH-C-0075) to the lower pad
3	<input type="checkbox"/>	Clean the handrail for 30 minutes. Reverse the cleaning pad after 15 minutes. (If more extended cleaning is required after 30 minutes, change the pad and repeat the reversal process after 15 minutes.)
4	<input type="checkbox"/>	Apply fresh upper and lower pad
5	<input type="checkbox"/>	Place a presoaked cleaning pad with the Cleaner Conditioner Solution (TH-C-0074) to lower pad
6	<input type="checkbox"/>	Condition handrail for 10 minutes
7	<input type="checkbox"/>	Place a presoaked cleaning pad with Sanitizer Solution (TH-S0092) on the lower pad
8	<input type="checkbox"/>	Sanitize handrail for 5 minutes

#### A. Weekly or Daily Cleaner / Conditioner Procedure

##### ESCALATOR 1

1. Fill the HD Charging Tray with 3 ounces of Thomsen's Cleaner Conditioner concentrate and 32 ounces of water.
2. Soak 6 Microfiber pads in the HD charging tray.
3. Apply the soaked Heavy Duty Cleaner Cleaning pad to the Lower Pad holder
4. Apply a dry Cleaning Pad to the Upper Pad holder
5. Clean the handrail for 10 minutes
6. While cleaning, place a fresh Microfiber Pad in the Disinfectant Charging Tray filled with 32 ounces of Thomsen's mPerial Disinfectant solution
7. Apply the soaked Disinfectant Microfiber pad to the Lower Pad holder
8. Apply a new dry Microfiber Pad to the Upper Pad holder
9. Disinfect the rail for 5 minutes
10. NOTE THAT EACH STEP NEEDS FRESH MICROFIBER PADS ON BOTH UPPER AND LOWER PAD HOLDERS AND THAT DRY PADS ALWAYS GO ON THE UPPER PAD HOLDER