THE DANGERS OF SWEATING SLAB SYNDROME

247,120 | Occupational injuries and illnesses — related to falls, slips and trips — that led to private industry employees missing work in 2014.

PROBLEMS CAUSED BY SWEATING SLAB SYNDROME

INJURY RISK

Employees are more prone to slipping and falling.

FORKLIFT FOLLY

Product transporters become more difficult to maneuver, and braking can fail.

INVENTORY DAMAGE

Metal products are prone to corrosion; other products could deteriorate, and packaging can dampen.

LUBRICANT LEAKS

The condensation on motorized machines can mix with chemical lubricants and leak.

EFFLORESCENCE

Moisture prompts sulfates in the concrete to rise to the surface, resulting in salty deposits on the floor.

BUILDING RISKS

Moisture promotes mold growth.

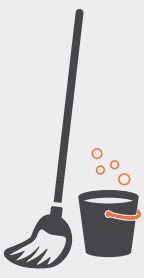
TIPS FOR ALLEVIATING SWEATING SLAB SYNDROME

AIR MOVEMENT

Increase movement with high-volume, low-speed fans. They force warm air downward, heating the cold surfaces- thus reducing condensation.

DEHUMIDIFICATION SYSTEM

Installing a dehumidification system will decrease the amount of moisture in the air, drying out the facility.



GOOD HOUSEKEEPING

Use cleaning agents to remove deposits, skid marks, etc. from the slab surface. These reduce the slab's ability to absorb moisture.

VAPOR RETARDER

A low-permeance, below-slab retarder will prevent moisture in the concrete from rising to the surface, protecting products stored on the floor.

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