

Food Manufacturing Building (R&M)- Regulatory Compliance

All FDA-regulated facilities must ensure compliance with the Food Safety and Modernization Act (FSMA) of 2011. With specific rules of the legislation now going into effect, it's critical for food and beverage manufacturers to understand and stay current with all relevant standards. This checklist is designed to help you write an effective food safety plan required by FSMA.

ProSurfacing- "Helping Our Customers Stay In Compliance"

Issue: To prevent environmental and possible product contamination, substrates such as floors, walls, ceilings- as well as drains cannot be allowed to deteriorate. (Areas of most concern are- Production Areas, but also include Maintenance Areas, Lab Areas, Clean Rooms, CIP Areas and Warehouse/ Storage Areas.)

❖ Areas: Floors and Containment Areas, Walls and Ceiling Substrates

Issue: Unmaintained flooring with improper sloping to drains can cause puddling, thus harborage for bacteria that is difficult to eliminate and often leads to environmental outbreak. (Primary types of substrates are mentioned below)-

- a. Tile floors
 - I. Look for missing grout.
 - II. Ensure all tiles are in good condition- (there are to be no missing, chipped, or loose tiles.)
 - III. Voids between tiles and drains are to be sealed and smooth.
 - IV. Cove at walls must be continuous with no visible voids.
- b. Resinous Flooring/ Walls and Ceilings
 - I. Floors, walls and ceilings must have no visible sign of delamination. (Cracking, peeling, or lifting.)
 - II. Discoloration could be a sign of failure from continuous moisture and chemical exposure.
 - III. Densified floor, walls and ceilings made of concrete mustn't show signs of cracks pits and divots. Joints and cracks must be sealed and have the ability to be swept/ wiped with ease.
- c. Concrete Floor
 - I. Concrete must be sealed with no divots, crack or open joints.
- d. Containment Areas
 - I. Coatings mustn't show signs of failure. (Discoloration may not be a sign of failure, but the protective topcoat could be missing and in need of maintenance.)
 - II. Delamination or cracking is a sign of immediate repairs.