

“Same Day Delivery and Setup Anywhere in the United States”

Benefits of Proper Drying

- ◆ Deep, thorough drying utilizing desiccant dehumidification will control and prevent corrosion, and failure due to corrosion of metal structural members.
- ◆ Proper drying will control and prevent deterioration and failure of wood structural members due to dry rot. Dry rot isn't dry but a result of wood-rotting fungi that is saprotrophic (has the ability to obtain nutriment from dead organic material), and excessive moisture conditions. Dry rot is often a hidden condition, occurring behind or underneath the wood surface. This can affect all wood products including studs, joists, beams, trusses, hardwood flooring and paneling, the paper on wallboard, wood composites used in flooring and cabinetry, and non-vinyl wallpapers.
- ◆ **Health and Safety**. Proper drying will control and prevent mold and mildew amplification. This is important to do in any water loss, especially so in any public building where the extremely young and old, those predisposed to allergic reactions, those with compromised immunity etc. may be occupants. Although mold and mildew are the most visible and noticeable, gram negative bacteria such as E.coli multiply and amplify readily whenever the opportunity exists, and most readily in a high moisture environment. Gram-negative bacteria are the source of endotoxin, a lipopolysaccharide component of the outer cell wall. Endotoxin is easily aerosolized and presents an inhalation exposure.
- ◆ Proper drying prevents secondary damage, caused by high humidity and condensation, to documents, files, valuable papers, libraries, and archival collections.
- ◆ Proper drying prevents secondary damage, corrosion and degradation caused by high humidity and condensation, to electrical components, contacts, sensors, switches, switching gear, industrial motors and pumps etc. and sensitive electrical devices and instruments such as personal computers, mainframes, printers, copiers, telephonic, testing, and medical equipment.
- ◆ Proper drying prevents adhesive, coatings, sealants, and paint failure due to excess moisture.
- ◆ Proper drying aids in the deodorization process as excessive moisture and high humidity intensify odors.
- ◆ Proper drying will prevent secondary damage due to swelling, curling, or other distortion of paper goods, card stock, packaging, and labels.
- ◆ Proper drying will prevent secondary damage due to ink and dye runs.
- ◆ Proper drying will prevent secondary damage to soft goods in retail and warehouse operations.
- ◆ Proper drying helps to minimize business interruption.

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