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# TECHNICAL BULLETIN

## Evaluating Building Product Performance

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In diagnosing common issues with building products in construction, it's crucial to recognize that building materials—whether wood, metal, plastic, mineral, or composite—respond predictably to the conditions they encounter.

To effectively analyze job site issues, approach them with an open mind and avoid hasty conclusions. Assessing any building material involves gathering data and observations to understand the conditions it was exposed to. Key factors to consider include site conditions, application methods, product selection, design, installation practices, finishing techniques, fastening, sealing, coating, job site storage, handling, and environmental factors.

By compiling this comprehensive data, you can develop a clear understanding of how to address the issue, minimize damage, and choose an appropriate course of action. A thorough evaluation is essential to determine if the issues lie with the materials, workmanship, installation, or site conditions.

Often, major problems are not due to the materials themselves but rather to improper specification, application, or installation. Therefore, it's important to refer to Best Practices and Technical Bulletins for any materials or products before beginning installation.