



Forensic/Dispute Resolution

When Problems Arise...

In today's world of construction, it is not uncommon for facility owners to experience significant problems from buildings which are recently constructed or renovated. Many of these building projects were either fast-tracked or were not well monitored during construction. When problems arise, building owners are often stuck with the problem when the contractor blames the manufacturer, and the manufacturer blames the designer...and the circle of blame continues.



StructureTec has vast experience in resolving these problems. By providing unbiased, objective third-party expertise, the cause of the problem and the responsibilities for resolving it can be determined.

The Process

StructureTec begins the process by reviewing original plans and specifications, as well as all existing documents regarding the problem and any analysis previously completed. All warranties, guarantees, and other information regarding the parties involved are also reviewed.

Once documents have been reviewed, a site inspection and condition appraisal are conducted. Samples of the construction materials are also gathered as necessary. Lab analysis and testing are performed as required.

All of the information is then analyzed and the exact cause of the failure is determined. There are primarily three areas that could be the cause of the failure:

By providing objective third-party expertise, the cause of the problem and the responsibilities for resolving it can be determined.

The Process Includes:

- Review original plans, specifications, existing documents, and previous analyses.
- Site walkover and evaluation, condition appraisal. Sampling of materials, as required.
- Lab analysis and testing to ascertain material performance criteria. Analysis of results.
- Determine causes of failure of the roof(s) and provide a report delineating on findings.
- Provide recommendations for corrective action with budgets for the remedial process.

- **The deliverables produced during this phase may include the detailed report delineating on the findings of this evaluation, the recommendations for corrective action with budgets for the remedial process, and the attorney work product necessary for the legal procedure.**



design, materials, or construction. There are also many cases where the exact cause of the failure might be a combination of factors.

These findings are delineated on in a detailed report. This report will explain the exact nature of the failure. This information can then be used by the owner to ensure that responsible parties perform the necessary tasks to resolve the issue.

If the problem has become a legal issue, the report can be expanded to become an attorney work product. StructureTec can also serve as an expert witness in a court of law.

StructureTec also provides specific recommendations for correcting the problem and includes budgets for performing the remedial process. StructureTec can also serve as a project manager during the remedial process to provide clear documentation and adequate field quality control of the corrective process.

Conclusion

In conclusion, there are many things that can go wrong during construction. StructureTec is able to assist our clients in pinpointing what has gone wrong when a problem arises and can assist the owner in obtaining restitution for correcting the problem.

StructureTec's proven process and extensive experience ensure that the problem will be resolved completely and thoroughly, providing the maximum return on investment. ■

BENEFITS

Determines cause of the problem, not just an analysis of the effects

Provides objective, third-party expertise

Presents necessary legal expertise for problems taken to a court of law

Ascertains party(parties) responsible for problem(s) in order to establish accountability

Provides comprehensive report delineating all detailed findings and analysis

Provides recommendations for correcting the problem with realistic budgets for performing the remedial process



Total Building Envelope Management SolutionSM

www.structuretec.com
(800) 745-7832