



PROJECT PROFILE

Wind Uplift Testing

Client:
Various

Approximate Construction Cost:
N/A

Year Completed:
On-going

Services Provided:
Testing

Contractor:
N/A



When insurance coverage for a building Owner is associated with FM Global (the communicative name for Factory Mutual Insurance Company), the roof assembly installed on the subject roof has to comply with the requirements and/or guidelines published in the FM Approval Guide. In particular situations, specific testing of the roof assembly may be warranted to determine if adequate wind resistance is present. On new roofs, these tests are typically performed during or at completion of construction. On existing roofs, the tests may be required to confirm the attachment of the roof assembly. The testing that is typically required involves performing wind uplift resistance testing of the roof assembly. This testing is performed in accordance with "The Negative Pressure Test" as outlined in FM Global Property Loss Prevention Data Sheet 1-52 "Field Uplift Tests". The following are various projects where PCI has performed wind uplift testing:

- MD Anderson
- Texas A&M University @ Galveston
- Grocers Supply
- Houston Baptist University
- Westlake Polymers
- Lafayette Regional Airport
- Baptist Hospital of South East Texas
- UTMB Galveston National Laboratory
- Lake Charles Women & Children's Hospital