



THIRTY YEARS IN TILE CONSTRUCTION

09-09

Inspection / Expert services: **Ceramic Tile Forensics: Expert services in construction defects litigation: residential and commercial inspection**

Ceramic Tile Contractor... Commercial and custom residential work in Ceramic Tile, Stone, Marble, Limestone, Slate. Glass. California Licensed C-54

TCNA Tile Team Inspector..... Tile Council of Northern America. Tile Team/2005: Available in on-call resource pool for Inspection and Consultant services

Certification as Tile Inspector Certificate of Competence in standards, methods and materials use. Course taught by CTEF – TCNA – TILE TEAM

Tile Industry Expert Contractor License Board: Tile Industry Expert jobsite Inspections with report, Testify at arbitration hearing on findings

Tile Subject Matter Expert To State of California as Tile "Subject Matter Expert " classification bestowed to work on revision committee
To the testing questions for tile contractors license test released in 2001-02 and current revision 2006-07

Certified Construction Document Technologist Construction Specifications Institute / American Institute of Architect construction document technology training & certification

Certified Residential Mold Inspector: Certification with I.E.S.O. Standards to Inspect, Evaluate, and Collect, Prepare / submit mold samples for Laboratory testing.

Ceramic Tile Institute of America..... Northern California regional contract service provider for Ceramic Tile Institute's Inspection and Consultant services

Tile Trainer /Course Instructor..... Five years prior experience 1985-92 2003-2004 In teaching tile installation. contracted hands-on training classes in Countertops, Showers, Tubs and Floors,

Tile Education Development Researching and writing on ceramic tile construction for Tile Guide" to create a tile construction internet information service

Court Officer / Rehab. Expert. Three years - Public Defenders Office Alameda County, Administrative Assistant to Chief Public Defender and monitored. services available in community Programs, Officer of the Court, In court daily. Acquired skills in plea negotiation, arbitration

Law school student m I Public Defenders Office includes one year at Armstrong Law School (1976)

TRADE ASSOCIATION PARTICIPATION

Ceramic Tile Institute of AmericaConference participant in workshop and technical seminars (15 years annually 1977-95)

Surfaces / Coverings / Total SolutionsAttend three annual conferences to review products and materials with factory representatives

National Tile Contractor WorkshopsAttend an annual average of 5 – 10 vogue issues or tile problem lectures a year

Forensic Expert Witness AssociationAttend Court / Legal related education and training on expert services "Association Approved Expert"

National Tile Contractor Association In the "Train the Trainer" training to teach installation courses for California tile classes

Materials Methods & Standards Association.....MMSA Guest – Nat. assoc of product mfg. on materials and product use for industry standards & quality control

Trade Standard Technical Committee (s)1-Guest -Technical Committee National Tile Con Assoc. 2-Guest Tile Council Installation Handbook Committee

Ceramic Tile Institute Technical Committees ... Ceramic Tile Institute of America technical document review for CTC and technical committee reports (Guest)

TECHNICAL TRAINING

Ocean Glass Factory3- Workshops on glass mosaics installation, Genesis 3 Two classes & a specialty workshop in tile installation for pools

Independent Floor Testing & Insp.Certified in moisture testing of floors, ASTM Testing F-1869 Cal Chloride Test, F-2170 Insitu, F-1907 meter, F-710 pH

Mapei Technical InstituteProduct training in Thinset – Adhesives – Membranes – leveling products – Manufacturing of product factory tour

Laticrete InternationalTechnical training in materials and installation methods" at Los Angelus materials manufacturing plant

Building Science CorpTechnical training on Physics of Slabs and Stucco and moisture migration in cement with Dr. Joe Lstiburek

Crossville Porcelain InstituteTour / Lecture at Porcelain tile factory in Tennessee classes on: Porcelain tile use and installation specification

Dallas Ceramic Tile Factory..... Participant in lecture and tour of specialty tile and wall tile manufacturing plant

World Floor Covering Association..... Ceramic tile installation training at national headquarters in Anaheim California

American Concrete Institute..... Moisture problems, Slab curing / curling, Floor flatness tolerance div.3 vs. 9, Delamination blisters, cracks

Schluter Systems.....Waterproof crack isolation membrane, movement suppression system at Tile Council of North America training facility

National Tile Contractor Assoc..... Shower Pan and shower walls installation and water tight integrity hands-on four day course (Trained to instruct course)

Construction Specification Institute.....Construction contracts and specification courses, Principles and practices of specification course s for CDT certification

Marble Institute of America..... Advanced Slab Installation (Countertops) Fabrication, Production, Shop Tours

PRIVATE CONSTRUCTION REFERENCE LIBRARY: Curriculum reviewed for the trades best practices and suggested methodology or standard of care

I am an expert in tile construction and I can produce reports with an unbiased opinion based on the trades best practices that are obtained from various industry groups that establish the standard of care, codes and industry standards and product recommendations or use these to address assembly problems in the form of construction defects or errors and omissions in the assembly. Some of the industry sources are MIA, TCNA, NTCA, ANSI, CTIOA, BSI, MMSA, UPC, ASTM, IRC, IBC, UBC, etc.. Forensic inspection experience in facades, balconies / decks, swimming pools, showers /steam showers, countertops and floors etc.

