

**FORENSIC TILE CONSULTANTS**  
**GREGORY I. MOWAT FCSI CDT CTC CFC**  
9541 Vervain Street  
San Diego, CA 92129-3523  
Telephone (858) 484-8118  
Fax (858) 484-8302  
[www.forensictileconsultants.com](http://www.forensictileconsultants.com)  
E-mail [tile4n6@aol.com](mailto:tile4n6@aol.com)

## **CURRICULUM VITAE**

### **Forensic Tile Consultants expertise includes:**

- Analyze the design, installation and performance of ceramic tile, brick and stone assemblies, including stone tiles. Showers, countertops, floors, paving and veneer
- Consultant and when designated Expert Witness
- Construction defect evaluation for ceramic tile, thin brick and natural stone assemblies and related components
- Authoring articles, teaching , interpreting and researching Tile Industry Standards and Marble Institute of America Standards
- Quality Management

## **CLIENTS**

Architects, Attorneys, Builders, Consultants, Dealers, Designers, Distributors, Estimators, General Contractors, Insurance Adjusters and Claims Representatives, Landscape Architects, Manufacturer's, Owners including Home Owners and Building Owners, Property Managers, Specialty Contractors, Specification Writers and Suppliers

## **BACKGROUND EXPERIENCE IN CONSTRUCTION INDUSTRY**

### **FORENSIC TILE CONSULTANTS**

October 1997 to present

### **GREGORY I. MOWAT, Forensic Tile Consultant**

November 1990 to October 1997 then continuing on as Forensic Tile Consultants

**DEL PISO BRICK AND TILE**, distributor of brick, stone, tile, and related products  
**Senior Quality Assurance Specialist** for Corporate Offices in Anaheim  
September 1989 to October 1990  
**Architectural Sales Representative** for San Diego Branch  
October 1986 to August 1989

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**CERAMIC TILE AND MARBLE INSTITUTE OF SAN DIEGO**  
Non-profit tile trade association covering San Diego and Imperial Counties  
**Executive Director and Technical Consultant**  
April 13, 1978 through August 1986

**INTERIOR SYSTEMS, INC.**, manufacturers' representative & installer for pre-manufactured cabinets, seating, operable walls, lockers & miscellaneous items  
**Architectural Representative, Contract Administrator and Estimator**  
March 1977 to April 1978

**ACADEMIC SPECIALTIES, INC.**, manufacturers' representative & installer for pre-manufactured cabinets, seating, operable walls, lockers & miscellaneous items  
**Contract Administrator, Estimator and Sales Representative**  
September 1973 to March 1977

**DIXON-SMITH, INC.**, cabinet manufacturer and installer  
**Estimator and Sales Representative**  
June 1970 to February 1973

### **EXPERT WITNESS DESIGNATIONS**

Gregory Mowat when designated has served as an Expert Witness, and has testified when necessary at arbitrations, depositions, and in trial in court cases. Over 320 depositions have been taken of Gregory Mowat, Forensic Tile Consultants

### **INSPECTIONS**

Forensic Tile Consultants Gregory Mowat has performed more than 10,000 site inspections since April 1978, including more than 2500 destructive tests analyzing the design, installation and performance of ceramic tile, thin brick and thin stone assemblies. Gregory Mowat and continuing as Forensic Tile Consultants with contract consultants has performed more than 16,000 site inspections and more than 3,500 destructive tests analyzing the design, installation and performance of ceramic tile, thin brick tile, stone and thin stone tile assemblies.

### **EDUCATION**

**CALIFORNIA STATE UNIVERSITY, SAN DIEGO**  
Bachelor of Science Degree, Major in Marketing

August 1973

**CITRUS COLLEGE**  
Associate of Arts Degree, Major in Business Administration

June 1967

**ADDITIONAL TRAINING, NOT INCLUDING EDUCATION AT CONVENTIONS**

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**SPECIFICATION WRITING COURSE**

Los Angeles Chapter of the Construction Specifications Institute

1974

**CERAMIC TILE CONSULTANT**

Ceramic Tile Institute

February 1979

**CERAMIC TILE CONSULTANT**

Certified through Ceramic Tile Institute 1985-1991

Ceramic Tile Institute of America, Inc. 1992 through 2015

Certified Yearly

**INSTITUTE FOR EXECUTIVE DIRECTOR DEVELOPMENT**

1982

**CERTIFIED ASSOCIATION EXECUTIVE**

American Society of Association Executives

August 1982

**CERTIFICATE IN CONVENTION MANAGEMENT**

American Society of Association Executives

April 1984

**CONSTRUCTION DOCUMENTS TECHNOLOGIST**

Construction Specifications Institute

1989

**BASIC SPECIFICATIONS WRITING**

Construction Specifications Institute

October 1990

**CERTIFIED CONSTRUCTION INSPECTOR**

Association of Construction Inspectors

Certified Construction Consultant

February 1993

**CERTIFICATE FOR COMPLIANCE WITH CALIFORNIA**

**UNFAIR CLAIMS SETTLEMENT PRACTICES REG'S.**

Calif. Association of Independent Insurance Adjusters (CAIIA)

March 1993

**CERTIFICATE FOR RESIDENTIAL CONSTRUCTION BASICS**

Association of Construction Inspectors

1994

**CERTIFICATE FOR SOLVING MOISTURE-RELATED  
FLOORING FAILURES ON CONCRETE FOUNDATIONS**

Academy of Textiles and Flooring

July 1996

**ACI TROUBLESHOOTING CONCRETE CONSTRUCTION**

April 1997

American Concrete Institute International

**CERTIFIED TILE ADVISOR**

Ceramic Tile Institute of Northern California

April 1998

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**CRAFTSMAN COURSE**

Ceramic Tile and Stone Association of Arizona

August 2001

**MOLD REMEDIATION IN BUILDINGS SEMINAR**

Environmental Testing & Technology -

January 2000

October 2001

**MOLD AND HEALTHY HOME TRAINING COURSE**

Inspectors Training Associates

October 2001

**GOT MOLD FUNGAL ASSESSMENT &  
REMEDICATION SEMINAR**

American Indoor Air Quality Council, San Diego

February 2002

**CERTIFIED MICROBIAL REMEDIATION SUPERVISOR**

Board Certified by American Indoor Air Quality Council

Recertified April 2005, April 2008 to April 2010 by Indoor Air Quality Association

August 2009 IAQ Council changes to ACAC American Council for Accredited Certification

CMRS Recertified Bi-Yearly through ACAC

March 2002

**Healthy Ventilation Systems**

5/02/02

**Day with Joe-Where the Science Meets the Surf**

Environmental Testing & Technology

4/11/03

**Lunch + Learn = Earn Seminar**

The Georgia Pacific Gypsum Corporation

5/16/03

**Concrete Crack Repair Workshop**

San Diego Chapter International Concrete Repair Institute

6/19/03

**Fungal Growth on Wood Based Materials**

Environmental Testing & Technology

7/11/03

**Stone Failures and Maintenance**

Arizona Tile and Stone Association

8/13/03

**Risk Management of Indoor Mold Standards**

The Conference on the Strand

10/02/03

**Evaluation and Repair of Fire Damaged Concrete**

San Diego International Concrete Repair Institute

3/04/04

	<b>Mold-Mold-Mold</b>	3/06/04
	California Chapter Indoor Environmental Standards Association	
	<b>Case Study Conference</b>	6/29/05
Page   5	San Diego American Indoor Air Quality Council	
	<b>“Inspections and Reporting Techniques Pre-Mediation</b>	11/05/05
	American Indoor Air Quality Council	
	<b>“Where the Science Meets the Surf” A Day with Dr. Joe</b>	1/17/06
	Environmental Testing & Technology	
	<b>“Preventing Moisture, Air &amp; Vapor in the Building Envelope”</b>	3/01/07
	San Diego Chapter of the Construction Specifications Institute Workshop	
	<b>“Shower Forensics – Moisture Intrusion Workshop”</b>	7/14/07
	Indoor Air Quality Council Workshop	
	<b>Certified Forensic Consultant Seminar at American College of Forensic Examiners</b>	
	Passed test and designated Certified Forensic Consultant	September 2008
	<b>2007 CBC Residential Provisions</b>	5/29/08
	<b>Moisture Below Structures, Causes and Solutions &amp; Electromagnetic Field Surveys Workshop</b>	9/13/08
	<b>National Tile Contractors Association Workshop</b>	1/22/09
	<b>Substrates to Finished Installation Workshop NTCA</b>	8/05/10
	<b>Substrates to Finished Installation Workshop NTCA</b>	8/12/10
	<b>Technical Workshops Tremco/Protecto Wrap/Sika/Emseal</b>	8/06/10
	<b>Applying BIM to Large Construction Projects</b>	11/3/10
	<b>The Future Status of Mold and Indoor Air Quality Litigation: A Plaintiff and Defense Attorney Perspective</b>	12/03/10
	<b>The 2010 Construction Defect Seminar</b>	12/09/10
	<b>Certified Floorcovering Inspector</b>	
	National Institute of Certified Floorcovering Inspectors	June 2010
	<b>Marble Institute of America/Stone World Seminar</b>	2/23/11

**NTCA Tile and Stone Workshop** 3/08/11

**A Symposium on Sheet Metal Flashings in Wall and Roof Assemblies** 5/23/11

Page | 6 **Federal State and Local Lead Regulations and the Healthy Home Program** 8/23/11

**SD Floor Covering Association Exhibits & Seminar** 10/13/11

**“BIM in the Real World” Seminar & Exhibits** 10/20/11

**NTCA Tile and Stone Symposium** 9/20/12

**Stucco Wall Systems Symposium** 11/07/12

**Santa Clara Valley Chapter CSI Workshop including Mowat speaking on “Designing with and Specifying Natural Stone, Tile and Glass to the New Industry Standards”** 11/20/12

**Working with Attorneys and Serving as an Expert Witness,  
How to Read and Understand a Mold Laboratory Report** 11/16/12

**2013 Economic Outlook** 12/13/12

**Green Cleaning as a Critical Component for Health  
Hydroxyl Radical: Hype or Reality** 7/12/13

**Business Builder Workshop & Exhibits** 10/16/13

**Medical Facilities- Infection Control & Prevention  
Legionella** 10/25/13

**2014 Economic Outlook** 12/12/13

**Air Filtration, Air Cleaning Devices and Indoor Air Quality  
Fire Residue Damage and Evaluation** 7/11/14

**CONTINUING EDUCATION  
THROUGH ASSOCIATION MEMBERSHIPS**

American Concrete Institute Inc. San Diego International Chapter  
American Council for Accredited Certification  
Ceramic Tile and Stone Association of Arizona  
Ceramic Tile and Stone Institute of Northern California  
Construction Specifications Institute (CSI)  
San Diego Chapter of the Construction Specifications Institute (SDCSI)

West Region of the Construction Specifications Institute (WRCSI)  
Forensic Expert Witness Association  
Indoor Air Quality Association  
International Association of Plumbing & Mechanical Officials (Lifetime Member 782)  
International Code Council  
International Concrete Repair Institute  
Marble Institute of America  
National Institute of Certified Floorcovering Inspectors  
National Tile Contractors Association  
San Diego Area Chapter International Code Council  
San Diego Chapter International Association of Plumbing & Mechanical Consultants  
San Diego Chapter International Concrete Repair Institute  
San Diego Forensic Consultants Association  
San Diego Tile Contractors Association  
Tile and Stone Council of Northern California  
Western Construction Consultants Association  
World Floor Covering Association

### **INDUSTRY STANDARDS**

Conference Alternate to 1980/81 Handbook for Ceramic Tile Installation  
Conference Alternate to 1982/83 Handbook for Ceramic Tile Installation  
Conference for 1984/85 Handbook for Ceramic Tile Installation  
Conference Alternate to 1986/87 Handbook for Ceramic Tile Installation  
Conference Alternate to 1988 Handbook for Ceramic Tile Installation  
Guest Conference for TCNA 2005/2006 Handbook for Ceramic Tile Installation  
Guest Conference for TCNA 2007/2008 Handbook for Ceramic Tile Installation  
Guest Conference for TCNA 2009/2010 Handbook for Ceramic Tile Installation  
Guest Conference for TCNA 2011/2012 Handbook for Ceramic, Glass and Stone Tile Installation  
Guest Conference for TCNA 2013/2014 Handbook for Ceramic Glass and Stone Tile Installation

Guest ANSI Standards Committee A108-1985  
Guest ANSI A108, A118 & A136-1999 Accredited Standards Committee 1999  
ANSI A108, A118 & A136-2005 Accredited Standards Committee  
ANSI A108 Accredited Standards Committee 6/23/04, 9/13/04, 4/03/06, 4/16/07, 10/09/07  
4/28/08, 9/17/08, 4/20/09, 9/14/09, 4/26/10, 3/13/11, 11/08/11  
TAG ISO Committee Meeting 4/20/09, 9/14/09, 4/26/10, 3/13/11, 11/08/11

Member of CERTIC (Ceramic Tile Industry Committee) Committee 1980 to 1991

Member of Ceramic Tile Industry Technical Committee  
Ceramic Tile Institute/Ceramic Tile Institute of America 1978 to 1991

Member of Ceramic Tile Industry Technical Committee  
Ceramic Tile Institute of America Incorporated 1992 to 2009

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Guest to National Tile Contractors Association Technical Committee 9/14/04  
Guest to National Tile Contractors Association Technical Committee 10/10/07  
Guest to National Tile Contractors Association Technical Committee 2/29/08  
Guest to National Tile Contractors Association Technical Committee 9/15/09

Participant on the Committee that rewrote the C-54 Examination 1980's  
For the California Contractor's State License Board

### **TECHNICAL PRESENTATIONS ON TILE INDUSTRY STANDARDS**

Gregory I. Mowat has given more than 300 technical presentations on Tile Industry Standards. Presentations on Showers, Bathroom Surprises, Adhered Veneer, Paving, Stone Installation Successes and Failures among other presentations.

Presentations have been given to:

Apprentices, Apartment Owners, Architects, Architectural Students, Attorneys, Builders, Centre City Development Corporation, Ceramic Tile Consultants Course, Chapters of the Construction Specifications Institute, Construction Industry Training Classes, Construction Specifications Institute, Contractors, Dealers Designers, Distributors, Floor Covering Contractors, Ceramic Tile Manufacturers, Forensic Experts and Consultants, General Contractors, Home Inspectors, Indoor Air Quality Council, Landscape Architects, Lath and Plastering Contractors, Maintenance Firms, Marble & Stone Contractors, Masonry Contractors, Plan Checkers and Building Inspectors, Property Managers, Residential Housing Inspectors, Sealant and Waterproofing Contractors, Tile Contractors.

Don Halvorson and Gregory Mowat have given presentations on shower assemblies to over 4000 in attendance at conventions, conferences and meetings through 2015.

### **AUTHOR OF ARTICLES**

Gregory I. Mowat has written numerous articles and field reports which have been published within the Tile Trade and the Construction Industry.

### **AWARDS**

Gregory I. Mowat has received more than 60 awards in recognition of his time, effort, technical expertise and sharing within construction-related associations and the industry as a whole. June 2002, Gregory I. Mowat was advanced to Fellow in the Construction Specifications Institute. "For your dedicated service in educating members of the construction industry and students through your many articulate lectures and outstanding publications on the topic of ceramic tile,



and for your unselfish commitment and service to your chapter, region and the Institute, you are advanced to Fellowship in the Institute on the 29<sup>th</sup> day of June 2002.”

Certificate of Appreciation San Diego Chapter CSI  
CSI Champion Award San Diego Chapter CSI

6/27/13  
6/26/14