Testa & Weiser Inc
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Testa & Weiser is a Los Angeles based architecture and design studio founded by partners Peter Testa and Devyn Weiser in 2002. The studio is known for conceptual and technical breakthroughs that integrate advanced material processes at all scales. From pioneering software applications to creating new composite building systems, Testa & Weiser is recognized as an international design leader redefining architecture.

PRACTICE

Testa & Weiser has developed a unique business model that enables work with Fortune 500 corporations, start-ups, institutions, and universities. Recent collaborations include projects with Stäubli Robotics, NASA/Ames Research Center, Swiss Federal Laboratories for Material Science and Technology (EMPA), ACCIONA Infraestructuras, 3D Systems Inc., ARUP Consulting Engineers, Herman Miller Inc., HEXCEL, Álvaro Siza and Gehry Partners.

Current Testa & Weiser projects include Factor(E) electric vehicle design and manufacturing complex for PSA Peugeot Citroën EV; ZXT housing and mixed-use towers in Shenzhen, China; House Gallery 5; X-NRG water and energy infrastructure for NASA; and Composite Order, a prototype building systems with a consortium of manufacturers.

The studio has been featured in numerous publications including AD Architectural Design Magazine, The New Yorker, and The London Times, as well as books Extreme Textiles: Designing for High Performance; Skin + Bones: Parallel Practices in Fashion and Architecture; and FORM+CODE In Design, Art, and Architecture. Testa & Weiser exhibits at leading museums and galleries worldwide, including the Museum of Contemporary Art, Los Angeles; National Art Center, Tokyo; Embankment Galleries, London; New Museum of Contemporary Art, New York; and Cooper-Hewitt Smithsonian Design Museum, New York. In 2015 the firm's work will be featured as one of twenty projects defining the digital turn in architecture at the Canadian Centre for Architecture CCA and Yale University School of Architecture (YSOA).

PARTNERS

Peter Testa
Founding Partner and Design Principal

Peter Testa is a founding partner and Design Principal at Testa & Weiser and Founding Director of the MIT Emergent Design Group (EDG) from 1997-2002. At Testa & Weiser he leads a range of projects including Carbon Tower an all composite high-rise; Factor(E) electric vehicle design and manufacturing complex for PSA Peugeot Citroën EV; ZXT housing and mixed-use towers in Shenzhen, China; X-NRG water and energy infrastructure for NASA; and Composite Order, a prototype building systems with a consortium of manufacturers. Previously he was principal-in-charge with Pritzker Architecture Prize Laureate Álvaro Siza in Europe and the United States.

Testa's work is exhibited at leading museums and galleries worldwide including recent shows in New York, Los Angeles, London, Paris, Tokyo, and Beijing. His firm's work is part of the permanent collection of the Canadian Centre for Architecture (CCA). He is the author of three books and more than 30 papers on architecture and design. His work and writings are published in international art, architecture, design, engineering, and scientific journal as well as major newspapers. The London Times profiled Peter Testa as a design innovation leader defining architecture and the art of building in the 21st century.

Testa was Associate Professor of Architecture at the Massachusetts Institute of Technology (1997-2002) and at Columbia University GSAPP (1990-1996). He has taught as Visiting Critic at Harvard University GSD and the University of Pennsylvania GSFA. In 2008 he was appointed Esherick Professor of Architecture at the University of California, Berkeley. Since 2004 he has been a member of the Southern California Institute of Architecture (SCI-Arc) Graduate and Post-Professional faculty. In 2010 he initiated and designed the SCI-Arc Robot House sponsored by Stäubli Robotics. Testa holds an S.M.Arch.S. (History/Theory) from the Massachusetts Institute of Technology and is a Registered Architect in California (NCARB Certificate). He is the recipient of numerous awards including the MIT Innovation Award and Design Arts Award of the National Endowment for the Arts.

Devyn Weiser
Founding Partner and Design Principal

Devyn Weiser is a founding partner and Design Principal at Testa & Weiser and co-founder of the MIT Emergent Design Group (EDG) from 1997-2002. At Testa & Weiser she leads a range of projects including Factor(E) electric vehicle design and manufacturing complex for PSA Peugeot Citroën EV; ZXT housing and mixed-use towers in Shenzhen, China; House Gallery 5; X-NRG water and energy infrastructure for NASA; and Composite Order, a prototype building systems with a consortium of manufacturers

Weiser's work is exhibited at leading museums and galleries worldwide including recent installations in Los Angeles, New York, London, Paris, Tokyo, and Beijing. In 2015 her firm's work will be featured as one of twenty groundbreaking architectural projects of the early 21st century in the group show 'Archeology of the Digital' at the Canadian Centre for Architecture (CCA). Her work and writings are published in art, architecture, and scientific journals. Testa & Weiser projects are featured in books on contemporary architecture and design including Extreme Textiles, Designing for High Performance and Code+Form in Design, Art & Architecture. The New Yorker profiled Devyn Weiser as one of the most gifted designers of her generation.

Weiser has taught at the Rhode Island School of Design, University of Pennsylvania GSFA, and Massachusetts Institute of Technology. In 2006 she joined the Southern California Institute of Architecture (SCI-Arc) faculty where she served as Undergraduate Thesis Coordinator from 2009-2013. In 2010, she initiated and designed the SCI-Arc Robot House sponsored by Stäubli Robotics. Weiser is the recipient of numerous awards including the Architecture Award of the Municipal Art Society of New York, and the Graham Foundation Award. In 2013 her firm's work was acquired for the permanent collection of the CCA. Devyn Weiser holds a B.F.A. and B.Arch from the Rhode Island School of Design (with honors); and a MS.AAD from Columbia University, Graduate School of Architecture, Planning, and Preservation.

PUBLICATIONS

Buildings and Projects by Testa & Weiser have been published in numerous international art, architecture, and design journals including: AD Architectural Design (London); Architectural Record (New York); Architecture (New York); A+U Architecture and Urbanism (Tokyo); Architecture D'aujourd'hui (Paris); Archis (Amsterdam); Arkitekten (Copenhagen); Arquitectura (Madrid); Assemblage (Cambridge); Baumeister (Munich); Bauwelt (Berlin); Blueprint (London); Casabella (Milan); Civil Engineering (Washington); Concept (Seoul); Construire (Milan); Domus (Milan); El Croquis (Madrid); FastCompany Magazine; GA Global Architecture (Tokyo); Kenchiku Bunka (Tokyo); l'ARCA (Milan); LA Architect (Los Angeles); Lotus International (Milan); Master Builder (Mumbai); Metalocus (Barcelona); Metropolis (New York); New Yorker Magazine; Praxis (New York); Topos (Munich); Wired Magazine; and other news media including El Pais (Madrid); Financial Times (London); Le Monde (Paris); Los Angeles Times; London Times; New York Times; Washington Post; KCRW Santa Monica, BBC2, and Discovery Channel.

SELECTED EXHIBITIONS

Canadian Centre For Architecture (CCA)
'Archeology of the Digital'
Montreal, Forthcoming 2016

Shanghai Biennale
'Robotic Future'
Mingshen Art Museum, November 22-January 17, 2015

Centre Pompidou
'Advances in Architectural Geometry'
Paris, September 27-30, 2012

Danish Architecture Center
'Architecture Tomorrow'
Copenhagen, August 27-January 10, 2010

American Academy of Arts and Letters
'Getty Museum of Greek and Roman Art' (with Álvaro Siza)
New York, May 20-June 13, 2010

Bridge Gallery
'Wild Child: New York & Los Angeles'
New York, July 9-September 2, 2009

Somerset House, Embankment Galleries
'Skin + Bones: Parallel Practices in Fashion and Architecture'
London, April 24-August 10, 2008

Tokyo National Art Center
'Skin + Bones: Parallel Practices in Fashion and Architecture'
Tokyo, June 6-August 13, 2007

Museum of Contemporary Art, Los Angeles
'Skin + Bones: Parallel Practices in Fashion and Architecture'
Los Angeles, September 24, 2006-January 8, 2007

Wexner Center for the Arts
'Extreme Textiles: Designing for High Performance'
Columbus Ohio, April 7-August 13, 2006

Cooper-Hewitt, Smithsonian Design Museum
'Extreme Textiles: Designing for High Performance'
New York City, April 8-October 30, 2005

New Museum of Contemporary Art
'Super-ficial: The Surface of Architecture in a Digital Age'
New York City, January 31-April 21, 2003

National Building Museum
'Big and Green: Sustainable Buildings for the 21st Century'
Washington, D.C., January 17-June 22, 2003
The Museum of the City of New York, October 17, 2003-January 19, 2004
Yale University, Art & Architecture Gallery, February 16-May 7, 2004
Chicago Architecture Foundation, June 1-September 12, 2004

PROJECTS

2015- **Colossal Order (High-rise)**
Location: N/A
Program: Office Building
Area: 1,600 M2 (160,000 SF)
Materials Technology: Braided Fiber Preforms, Molecularly Imprinted Membranes (MIM)

2015- **Compound Order (Low-rise)**
Location: Playa Vista, CA
Program: Office Building
Area: 5,100 M2 (510,000 SF)
Materials Technology: Braided Fiber Preforms, Molecularly Imprinted Membranes (MIM)

2014- **ZXT Housing & Mixed-use**
Location: Shenzhen, China
Program: Housing and Mixed-Use
Area: N/A
Materials Technology: Fiber Metal Laminate (FML)

2014- **House Gallery 5**
Location: Manhattan Beach, CA
Program: Residential
Area: 700 M2 (7,000 SF)
Material Technology: Fiber Reinforced Concrete (FRC)

2014 **Hachure**
Location: N/A
Program: Composite Building System
Area: N/A
Materials Technology: Braided Fiber Preforms

2014 TYP.o
Location: N/A
Program: Typology
Area: N/A
Materials Technology: N/A

2014- DOMEz
Location: N/A
Program: Composite Building System
Area: N/A
Materials Technology: Stretch-broken Carbon Fiber (SBCF)

2012-14 Factor(E) PSA Peugeot Citroën EV Factory
Location: N/A
Program: Industrial
Area: 50,000 M2 (500,000 SF)
Materials Technology: Braided Fiber Preforms;
Stretch-broken Carbon Fiber (SBCF)

2012-13 orBOT
Location: N/A
Program: Industrial (Spherical Multi-Robot Cell)
Area: N/A
Materials Technology: Advanced Composites

2012 Composite Order
Location: N/A
Program: Composite Building System
Area: N/A
Materials Technology: Braided Fiber Preforms

2010-11 Robot House
Location: Southern California Institute of Architecture
Program: Education & Research
Area: 120 M2 (1,200 SF)
Materials Technology: N/A

2010- X-NRG
Location: California Coast; Cape Verde, West Africa
Program: Infrastructure (Water & Energy)
Area: N/A
Materials Technology: Advanced Composites; Graphene Membranes

2009-11 ESCape
Location: Los Angeles Unified School District (LAUSD)
Program: Infrastructure (Waste to Energy)
Area: N/A
Materials Technology: Advanced Composites; Microporous Membranes

2009-10 NASA Omega
Location: NASA Ames Research Center, Mountain View, CA
Program: Infrastructure (Water & Energy)
Area: N/A
Materials Technology: Advanced Composites; Graphene Membranes

2009 D3 Bering Strait Transcontinental Tunnel (Competition)
Location: Bering Strait, New Diomede Islands
Program: Infrastructure
Area: N/A
Materials Technology: Fiber Reinforced Concrete (FRC)

2007-08 Cloüd Tower
Location: N/A
Program: Office Tower
Area: 25,000 M2 (250,000 SF)
Materials Technology: Fiber Reinforced Concrete (FRC),
Molecularly Imprinted Membrane (MIM)

2007-08 FML House
Location: Santa Monica, CA
Program: Residential
Area: 240 M2 (2,400 SF)
Materials Technology: Fiber Metal Laminate (FML)

2007-08 XPL Immersive Learning Environments (XPL001, XPL002)
Location: Los Angeles Unified School District (LAUSD)
Program: Institutional
Area: 100-150 M2 (1,000-1,500 SF)
Materials Technology: Composite Core; Thermochromic Films

2006/13 Carbon Beach House & Studio
Location: Malibu, CA
Program: Residential
Area: 500 M2 (5,000 SF)
Materials Technology: Composite Core;
Stretch-Broken Carbon Fiber (SBCF)

2006/13 **Filament Tower**
Location: 1350 Broadway, New York, NY
Program: Office Tower
Area: 40,000 M2 (400,000 SF)
Materials Technology: Carbon Fiber Pultrusion;
Molecularly Imprinted Membranes (MIM)

2006-07 **Automorphic Strand Tower & Precursors**
Location: N/A
Program: N/A
Area: 25,000 M2 (250,000 SF)

2006 **Tape House Prototype**
Location: N/A
Program: Residential
Area: 200-300 M2 (2,000-3,000 SF)
Materials Technology: Composite Core;
Stretch-Broken Carbon Fiber (SBCF)

2005 **M-branes**
Location: N/A
Program: Pavilion
Area: 10-100 M2 (100-10,000 SF)
Materials Technology: Inflatable Rigidizable Membrane

2005 **Stinnett McCarty House**
Location: Santa Monica, CA
Program: Residential
Area: 200 M2 (2,000 SF)
Materials Technology: Wood Frame Construction

2004-05 **Basalt Towers**
Location: N/A
Program: Office Tower
Area: 20,000 M2 (200,000 SF)
Materials Technology: Braided Basalt Fiber Preforms

2004-05 **Transgenic Timber Towers**
Location: N/A
Program: Office Tower
Area: 20,000 M2 (200,000 SF)
Materials Technology: Fiber Reinforced Timber

2004 City Lights (Competition)
Location: New York, NY
Program: Urban Infrastructure
Area: N/A
Materials Technology: Braided Fiber Preforms;
Foamed Aluminum; LED, OLED

2004 PULP+
Location: N/A
Program: Education
Area: 100-150 M2 (1,000-1,500 SF)
Materials Technology: Cellulose

2003 Palisades Glacier Mountain Lodge (Competition)
Location: Sierra Nevada, CA
Program: Sports and Recreation
Area: 600 M2 (6,000 SF)
Materials Technology: Inflatable Rigidizable Membranes

2003 Porsche Port
Location: Porsche AG, Stuttgart, Germany
Program: Retail
Area: 200M2 (2,000 SF)
Materials Technology: Snaplock Carbon Fiber Reinforced Composites

2002-04 House Gallery K
Location: Manhattan Beach, CA
Program: Residential
Area: 400 M2 (4,000 SF)
Material Technology: Fiber Reinforced Concrete (FRC)

2002 Totem Sound Lounge
Location: Totem Design Store, Soho, NY
Program: Retail
Area: 50 M2 (500 SF)
Materials Technology: Wasted Paper; Electrotextiles

2001-04 Carbon Tower
Location: N/A
Program: Office Tower
Area: 30,000 M2 (300,000 SF)
Materials Technology: Carbon Fiber Reinforced Polymers (CFRP);
Robotic Pultrusion; Filament Winding;
Molecularly Imprinted Membranes (MIM)

2001 PULP
Client: Snowcrash, Stockholm
Program: Product Design
Area: N/A
Materials Technology: Wasted Paper; Electrotextiles

2001-02 HMI Celingscape
Client: Herman Miller Inc.
Program: Product Design
Area: N/A
Materials Technology: Glass Fiber Reinforced Composites (GFRC)

2000-01 HMI Agency
Client: Herman Miller Inc.
Location: San Jose, CA
Program: Prototype Office Building
Area: N/A
Materials Technology: Fiber Reinforced Concrete (FRC); Laminated Glass

2000-02 Everyware
Location: N/A
Program: Product Design (Networked Building Systems)
Area: N/A
Materials Technology: Advanced Composites; Electrotextiles

1999-00 Kings Road Apparel Shop
Location: West Hollywood, CA
Program: Retail
Area: 400 M2 (4,000 SF)
Materials Technology: Composite Core;
Unidirectional Carbon Fiber Tapes

1999-00 LACCD Campus
Location: Los Angeles Community College District
Program: Education
Area: 100-500 M2 (1,000-5,000 SF)
Materials Technology: Glass Fiber Reinforced Composites (GFRC)

1999 BMW Design Simulation Space
Client: BMW DesignworksUSA, Newbury Park, CA
Program: Product Design; Software
Area: N/A
Materials Technology: N/A

1998 **Kyoto Morphospace (Competition)**
Location: Kyoto General Planning Bureau, Japan
Program: Landscape, Infrastructure
Area: N/A
Materials Technology: Advanced Composites; Electrotextiles

Joint Venture with Álvaro Siza

2005 **Parrish Museum Of Art (Finalist Invited Competition)**
Location: Southampton, NY
Program: Museum
Area: 5,000 M2 (50,000 SF)

2001-04 **Art Center College Of Design**
Location: Hillside Campus, Pasadena, CA
Technical Arts and Nokia Graduate Center
Program: Education
Area: 10,000 M2 (100,000 SF)
Master Plan with Gehry Partners

2001 **Clark Art Institute (Finalist Invited Competition)**
Location: Williamstown, MA
Program: Museum
Area: 7,000 M2 (70,000 SF)