



Glass

Basque Health Department Headquarters

Glass Townhouses

Factory Extension

Diana Center at Barnard College

New York, New York, USA Weiss/Manfredi Architecture

Spiral Gallery

The Crystal (Nykredit Bank)

Cité du Design I IN Architects

Ernst Koller Pavilion

Berrel Berral Kräutler Architekter

Apple Flagship Store Shanghei, China Bahlin Cywinski Jackson



Concrete

Hämeenlinna Provincial Archive

Heikkinen-Komanen Architect

Casa Pentimento

frightyque

Ryue Nishigawa

Shanghai, China Iudice Architecti

RATP Bus Center

Jose Maria Sáez + David Barragão

Design Indaba 10×10 **Housing Project**

Hanil Visitors Center and

Guesthouse Chungbuk, Korea BCHO Architects with CAST (Center fo Architectural Structures and Technology

Anmahian Winton Architect Harmonia 57

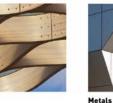
Despang Architekten Hiroshi Senju Museum

Lincoln Park Zoo Italian Pavilion at World Expo 2010

Dairy House Annex Safanen Fatate Someraet Fooland UK Skene Catling de la Peña Nk'Mip Desert Cultural Centre

> Metropol Parasol J. Mayer H. Architects

Skating Shelters Patkau Architecta



Wood

Stork Nest Farm SGL Projekt

Private Residence in Riedikon Gramazio & Kehler

Viikki Church

Soe Ker Tie House OMS Stage

Harry Parker Community Lady Bird Lake Hiking Trail Restrooms Boston, Massachusetts, USA Austin, Texas, USA

Kunst-Denot Henze & Ketteres FroWoodBox Kindernarten Art Gallery

Gigon/Guyer Architekts Nature Boardwalk at Herstedlund Fælleshus

Community Centre Dorte Mandrup Arkitekter

Halftecture O Chūō-ku, Osaka, Japa

Shuhei Enda Cantonal School Canteen

Artists' Studios in Aberystwyth

Tampa Museum of Art

Sean Godsell Architect

Mird Rivers Architect

Stanley Saitowitz I Natoma Architect



Plastics

SelgasCano Architecture Office SelgasCano Arquitecto

St. Andrews Beach House ELB Conference Hall and Auditorium

Prefabricated Nature **Novartis Entrance Pavilion**

UK Pavilion at World Expo 2010

Shanghai, China Heatherwick Studio

Cellophane House New York, New York, USA

KieranTimberlake Architect

Anansi Playground Building Mulders vandenflerk Architecter

Miroiterie Retail Building

B+W Architecture

Unit Arkitektur

International Committee of the Red Cross Logistics Complex

Plastic House

MOOM Tensegrity Membrane Structure Kazuhiro Kojima Laboratory / Tokyo University



Masonry

Secondary School Dano, Burkina Faso Diébédo Francis Kéré

Brandborst Museum

Saverbruch Hutton

Padre Pio Pilgrimage Church

South Asian Human Rights **Documentation Centre**

New Delhi, India Anagram Architectu

NUWOG Headquarters and Housing

Fink + Jocher

Pone John Paul II Hall

Randić-Turato Architects Chapel of St. Lawrence

Ventae, Finland Avanto Architects

Warehouse 8B Conversion Arture France Architecture Studi

Butaro Doctor's Housing

Silk Wall + J-Office Archi-Union Architects

Center for Design Research

Studio 804 / University of Kenne

La Pallissa

Dan Rockhill, Studio 804 and Rockhill+Associates:

The breadth of projects is amazing, and the clarity with which they are presented is perfect. What I like most is the conviction with which the design quality has been maintained with an equal nod to the technical aspects that bring great design to fruition. It is rare that I am so taken by a publication that I jump from my chair!

Choice magazine:

This volume is effectively a survey of projects focusing on various material types as being prevalent in the final design solution. The projects selected are recent, come from around the world, and present the most up-to-date use of the specific materials chosen.

ArchiDose Blogspot:

The fous is on educating students. The projects vary greatly in terms of geography, appearance, and how they creatively use their respective materials. The main consistency is a scale, as the buildings range from a one-room pavilion in Basel to a seven-story office building in Copenhagen. This points to the fact that small buildings offer room for experimentation with materials, since their scale does not require as great an investment as, say, a skyscraper, stadium or airport.

Victoria Ballard Bell Architect, Design Corps

Patrick Rand FAIA, DPACSA, NCSU Architecture

Materials for Design 2

As architecture programs throughout the world break out of the classroom and adopt the holistic methods of design/build programs, MFD 2 is a survey that bridges the gap between construction materials and design sensibility.

Authors Victoria Ballard Bell and Patrick Rand have revisited the format of their award-winning first volume and present sixty new case studies of materials put to imaginative use by today's brightest architects. Bell and Rand introduce each material type—glass, concrete, wood, metal, plastic, and masonry units—with new text describing its history and significance.

Contemporary practice calls for new insights into the use of materials, and industries have made new materials and processes available for designers to use as they address emergent objectives.

Material selections are among the most significant decisions an architect makes, yet they are often not addressed early in the design process. With the advent of integrated design and production, the relationship between a project's aesthetics and its materiality has never been more immediate or important. This book shows many extraordinary projects in which design, materials, and fabrication processes are fully integrated.

Materials for Design 2 aims to inspire the designer to discover how an idea or a concept can be made tangible with the use of a material. This book engages the physical and technical properties of materials, but also their impact on design choices. It searches for resonance between the facts of a material with the construction details, and with the overall building design.

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