
Type of Research: Book

Creators: Lefteri, Chris

Description: The book discusses the use of glass as a material for mass production and its application in product design and architecture. It continues the presentation format established in Plastics but unlike plastics, wood or even metal brings together what is an under-presented material in this context. The aim is provoke designers into abducting glass materials from the craft arena and the technical industries for which they are developed and apply them within the design industry to produce novel applications.

The book contributes to the evolution of new glass based materials by offering information on tactile, mechanical and visual properties. It also contributes to the materials and design debate by providing a level of visual and textual information that is relevant to the working practice of designers. Specific properties are extracted from the various industries from which the material comes and are presented to the designer as possible features to be applied to design. The content was devised to be comprehensive, to maximise creative application potential across a broad range of design fields. It assembles materials ranging from bio glass through to structural glass for the built environment. New production methods are also presented, a research theme that I have developed in a subsequent book.

Additional Information (Publicly available):

Chris Lefteri
Research Interests
Materials in the context of contemporary design, authored books, design and architecture
Current Research
The aim of the research is to enhance knowledge and understanding of a range of materials within the context of contemporary design. Initially this has taken the form of four books which discuss the use of specific materials within design and architecture. To pursue a range of projects that explore new ways that materials can be categorised, documented and made available to the Design Community.

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Scientific uses of the materials are also explored, including glass in fibre-optic lights and a new dermatological cream that contains millions of particles. Glass is seen in all it’s applications—including architecture, furniture, lighting, and domestic products— as well as in all its forms—mosaic, sandblasted, etched, colored, textured, and moulded. Rotovision’s “Materials for Inspirational Design” series explores the myriad possibilities of materials for today’s designer. Each book in the series introduces the properties of a material and demonstrates some of its Frosted Glass Texture 02 by Aimi-Stock.deviantart.com on @deviantART Interesting frosted glass texture. Inspirational concrete texture and mood for design. Madara Wickremasinghe. Conceptual Project - Materials Board. Magnum Photos Photojournalism Steve McCurry Colour Photography Street Photography War Photography Amazing Photography Agency Magnum Shadows, Steve McCurry, Silhouettes & Shadows, Kabul, Afghanistan Inspirational textures and moods for design. Madara Wickremasinghe. Conceptual Project - Materials Board.