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Autore	Jeska Simone
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Nota di contenuto	Frontmatter -- Contents -- Preface -- A Brief History of Plastic Buildings -- Material and Form - "Form Follows Material?" -- Transparent Plastics between Intellectualisation and Trash Culture -- Exhibition -- BMW Bubble / Abb Architects / Franken, Bernhard -- EBO Bologna / Mario Cucinella Architects -- »Light Building« Mobile Pavilion / Atelier Kempe Thill -- Cyclebowl / Atelier Brückner -- Residences -- Apartments and Studios in Cologne / B & K+ -- Naked House / Ban, Shigeru -- Lucky Drops / Tekuto Architecture Studio -- Housing Project in London / Sakula, Ash -- Cité Manifeste / Lacaton & Vassal -- House And Studio in Almere / Arconiko -- Semi-Detached Houses in Müllheim / Pfeifer.Kuhn -- Culture and Sports -- Museum of Paper Art / Ban, Shigeru -- Catholic Church of Jesus Christ the King, Radebeul / Staib Architects / Behnisch, Günter -- DBU Conference and Exhibition Pavilion / Herzog + Partner -- Allianz Arena / Herzog & De Meuron -- Research -- Gerontology Technology Centre, Bad Tölz / Siegert, D. J. -- Rocket Tower / Nicholas Grimshaw & Partners -- Festo AG Technology Centre / Jaschek & Partner -- Glasshouses, Graz / Giencke, Volker -- Appendix -- Bibliography -- Index -- Acknowledgments -- Illustration

Recent years have seen the construction of buildings made of plastic, structures that are as attractive as they are unusual. After initial experiments in the 1970s, plastic is currently experiencing a tremendous boom. Originally used for temporary structures like the BMW Pavilion in Frankfurt, it is now employed in many permanent buildings as well, including the recent Catholic church in Radebeul by Staib/Behnisch. Prominent international avant-garde architects such as Shigeru Ban and Herzog & de Meuron frequently use transparent plastic for their structures. Transparent plastic seems ephemeral and thus captures the spirit of the times. Its various qualities between transparent and translucent make it possible to achieve fascinating effects with light and color. Projects presented include the Allianz Arena in Munich by Herzog & de Meuron, the Rocket Tower in Leicester by Grimshaw & Partners, the Paper Art Museum by Shigeru Ban in Shizuoka, Japan, and the public housing development Cité Manifeste in Mulhouse by Lacaton Vassal. Seit einigen Jahren entstehen ebenso attraktive wie ungewöhnliche Bauten aus Kunststoff. Nach ersten Versuchen in den 1970er Jahren erlebt der Baustoff derzeit einen ungeheuren Boom. Zunächst für temporäre Bauten wie dem BMW Pavillon in Frankfurt genutzt, entstehen mittlerweile auch zahlreiche bleibende Gebäude (wie kürzlich die Katholische Kirche von Staib/Behnisch in Radebeul). Bekannte Architekten der internationalen Avantgarde wie Shigeru Ban oder Herzog & de Meuron verwenden gerne transparenten Kunststoff für ihre Bauten. Das Material scheint ephemere, transitorisch (ohne es zu sein) und trifft damit den Nerv der heutigen Zeit. Seine unterschiedlichen Qualitäten zwischen transparent und transluzent erlauben faszinierende Licht- und Farbeffekte. Zu den dargestellten Projekten gehören die Allianz-Arena in München von Herzog & de Meuron, der Rocket-Tower in Leicester von Grimshaw & Partner, das Papiermuseum von Shigeru Ban in Shizuoka, Japan, und der soziale Wohnungsbau der Cité Manifeste in Mulhouse von Lacaton Vassal.