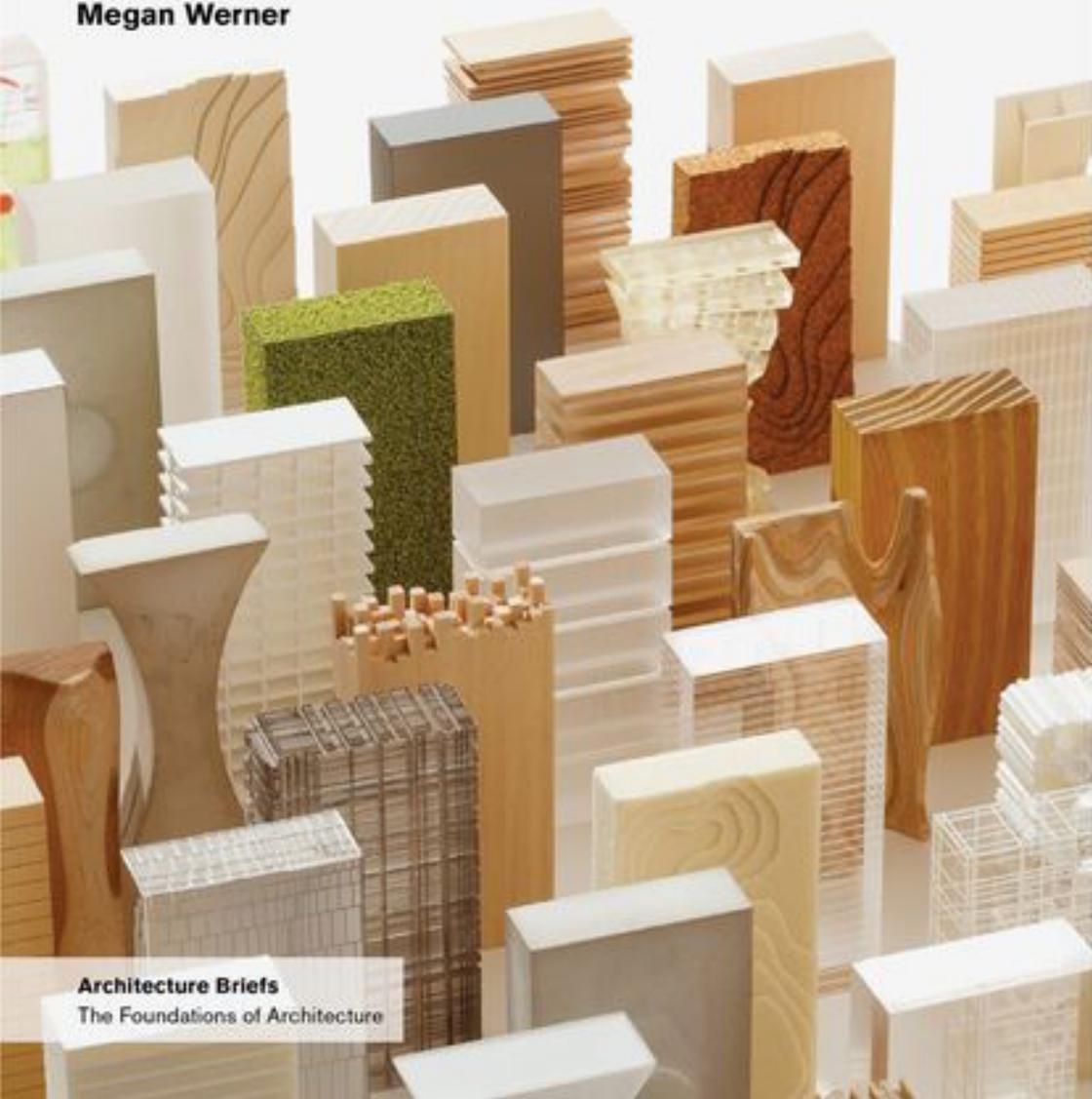


Model Making

Megan Werner



Architecture Briefs
The Foundations of Architecture

Model Making

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Color Acrylic

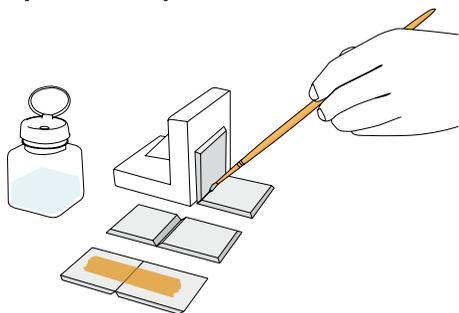
Material

color acrylic sheet

Tools

acrylic solvent / band saw / disc sander / rice paper tape / sanding stick / scoring tool / table saw

Tips & Techniques



Polishing and temporarily hinging the beveled edges of the acrylic together with tape will help you achieve a cleaner joint. Polished edges can be achieved through wet/dry sanding or flaming the edges with heat. When working with polished edges, use acrylic solvent adhesive, applied with an animal-hair brush.

Applied Technologies & Alternate Methods

The color acrylic block was assembled by hand, using manufactured color acrylic sheets. Translucent color can be added to a model with the help of a laser cutter or printing/plotting technology. Laser-cut and -score acrylic, then mask and paint it. A similar translucent color effect can be achieved by backing acrylic with printed acetate film.

Architectural Concepts

color / enclosure / envelope / hue / light / opacity / plane / reflective / saturation / space / surface / transparency

Sample Model (p. 150)



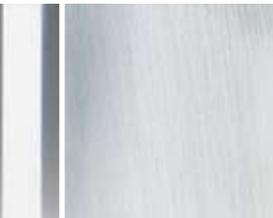
Suggested Alternatives



Interior surface spray
(p. 54)



Polished acrylic
(p. 70)



Sanded acrylic
(p. 78)



Acrylic with printed
acetate overlay (p. 56)

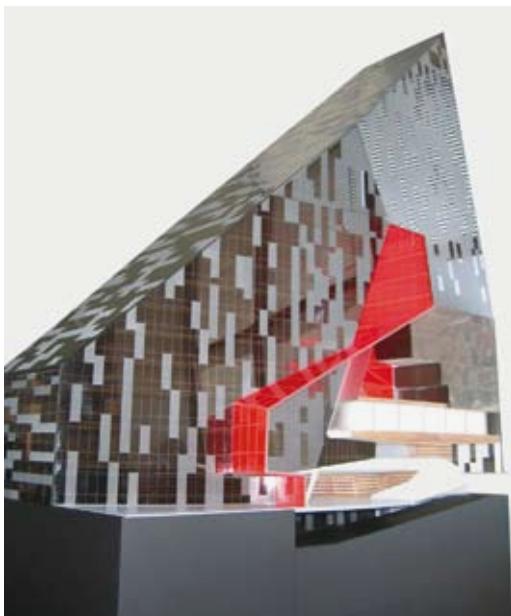


Painted acrylic
(p. 20)

*Color is sensibility in material form,
matter in its primordial state.*

YVES KLEIN





Archi-tectonics

Description: Exhibition model

Materials: Color acrylic

Technique: Laser-cutting and -scoring color acrylic

Scale: unknown



HOK

Description: Competition model

Materials: Acrylic, styrene

Technique: The sanded acrylic cores capture light, highlighting laser-scored linework.

Scale: 1/16"=1'