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Nota di contenuto	Building Codes ILLUSTRATED; Contents; Preface; 1 Building Codes; History and Precedents; Model Codes; Federal and National codes; State and Local Codes; Other Codes and Standards; Legal Basis for Codes; The Future for Code Development; 2 Navigating the Code; Intent and Interpretation; Using the Code; Code Components; Code Analysis; 3 Use and Occupancy; Occupancy Classification; Occupancy Groups; 4 Special Uses and Occupancies; special Uses and Occupancies; Covered and Open Mall Buildings; High-Rise Buildings; Atriums; Motor-Vehicle-Related Occupancies; Group I-2 Occupancies; Live-Work Units Health Care Clinics Ambulatory Care Facilities; 5 Building Heights and Areas; Definitions; Exceptions to Building Height and Area Limitations; Building Height and Area Limitations; Allowable Building Heights; Mezzanines; Allowable Building Heights and Areas; Area Modifications; Building Height and Area Calculation Procedure; Unlimited-Area Buildings; Mixed Use and Occupancy; Special Provisions; 6 Types of Construction; Types of Construction; Construction Classification; Passive Fire Protection; Table 601; Table 602; Types I and II Construction; Type III Construction; Type IV Construction Type V Construction 7 Fire-Resistive Construction; Fire-Resistive Construction; Fire-Resistance Ratings; Fire-Resistance of Structural

members; Exterior Walls; Fire Walls; Fire Barriers; Fire Partitions; Smoke Barriers and Horizontal Assemblies; Fire Resistance of Interior Walls; Vertical Openings; Shaft Enclosures; Penetrations and Joint Systems; Opening Protectives; Ducts and Air Transfer Openings; Concealed Spaces; Plaster and Thermal- and Sound-Insulating Materials; Prescriptive Fire-Resistances; Calculated Fire-Resistances; 8 Interior Finishes; Wall and Ceiling Finishes
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Designing for AccessibilityAmericans with Disabilities Act; Definitions; Scoping Requirements; Accessible Routes; Accessible Entrances; Parking and Passenger Loading Facilities; Dwelling Units and Sleeping Units; Special Occupancies; Other Features and Facilities; Signage; Supplementary Accessibility Requirements; 12 Interior Environment; Ventilation; Lighting; Yards or Courts; Sound Transmission; Interior Space Dimensions; Access and Materials; 13 Energy Efficiency; 14 Exterior Walls; Exterior-Wall Envelope; Performance Requirements; Wall Materials; Installation of Wall Coverings
Combustible Materials on the Exterior Side of Exterior Walls

Sommario/riassunto

Building Codes Illustrated: A Guide to the 2015 International Building Code, Fifth Edition is a bestselling complement to the International Building Code, or IBC. Designed to give you an insider's look at the origins of the IBC, how it can be interpreted, and how it applies to design and construction, this updated text offers new information regarding hazmat occupancies, hospitals, and nursing homes, major changes to how building heights and areas are presented, as well as means of egress, and the latest information on building materials, interior environments, and structural provisions. Francis D.K. Ching's distinctive illustrations and the code expertise of Steven Winkel, FAIA, give students and professionals in architecture, interior design, construction, and engineering industries a user-friendly, easy-to-use guide to fundamentally understanding the 2015 IBC.
