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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Frontmatter -- Contents -- Preface -- Flooring in a constructive context -- Allocation of functions to layers -- Principal structures of floors and ceilings -- Usage functions -- Accessibility and general usability -- Safe access and general safety aspects -- Barrier-free -- Room acoustics -- Thermal room conditioning and ventilation -- Hygiene and value retention -- Special requirements of usage for sport -- Special requirements of industrial use -- Protective functions -- Sound protection -- Fire protection -- Thermal protection -- Heat storage -- Heat conduction on contact -- Moisture protection -- Protection from electrostatic discharge -- Constructive functions -- Load transfer, load distribution -- Media routing -- Durability -- Execution -- Flooring types and constructive connections -- Floor coverings -- Appendix -- Author, literature, standards -- Image credits -- Index -- Backmatter
Sommario/riassunto	Die Oberflächen und der Aufbau von Fußböden tragen entscheidend zur wahrgenommenen Atmosphäre, Qualität und Beurteilung von Räumen bei. Gleichzeitig müssen Fußböden den enormen Anforderungen eines extrem belasteten Bauteils im Gebäude gerecht werden. Diese Publikation dient als Planungshilfe zur Konzipierung von Fußbodenkonstruktionen und -belägen. Sie liefert neben fundierten

theoretischen Grundlagen Entscheidungshilfen und Hintergrundinformationen zu verschiedenen Materialien, Konstruktionen und entsprechenden Anforderungen. Ein ausführlicher Projektteil zeigt gelungene realisierte Beispiele und liefert Inspirationen für die eigene Praxis.

The surfaces and composition of flooring make a decisive contribution to the perceived atmosphere, quality and appreciation of rooms. At the same time, flooring must be capable of bearing the enormous loads expected of it. Volume 1 of the publication should aid in the construction and the design of flooring and screeds. In addition to a fundamental theoretical basis, it offers decision-making tips and background information on various types of flooring and materials as well as how to plan proper structural connections and transitions.
