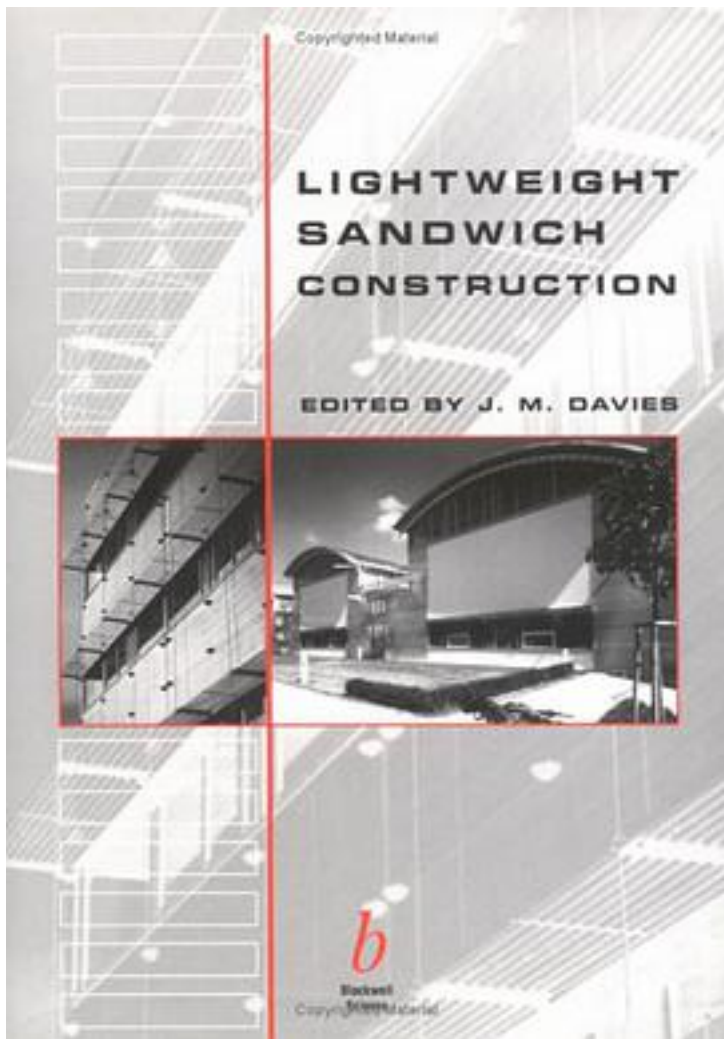


# Lightweight Sandwich Construction



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出版者:

出版时间:2001-7

装帧:

isbn:9780632040278

Sandwich panels are being used increasingly as the cladding of buildings like factories,

warehouses, cold stores and retail sheds. This is because they are light in weight, thermally efficient, aesthetically attractive and can be easily handled and erected. However, to date, an authoritative book on the subject was lacking. This new reference work aims to fill that gap. The designer, specifier and manufacturer of sandwich panels all require a great deal of information on a wide range of subjects. This book was written by a group of European experts under the editorship of a UK specialist in lightweight construction. It provides guidance on: \* materials used in manufacture \* thermal efficiency and air- and water-tightness \* acoustic performance \* performance in fire \* durability \* special problems of sandwich panels in cold stores and chill rooms \* architectural and aesthetic considerations \* structural design at the ultimate and serviceability limit states \* additional structural considerations including fastenings, the effect of openings and the use of sandwich panels as load-bearing walls \* test procedures The book concludes with some numerical design examples and is highly illustrated throughout.

作者介绍:

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