

# lehm bau 2010

After the rediscovery of loam as a building material and the recent successful modern experiments with the traditional material and building techniques, new loam recipes, building components and techniques have arisen and are now being offered by a steadily increasing number of manufacturers, dealers, and workshops. Building with loam is back and it has a future, as the developments in the last few years show.

**lehm bau 2010** is the first comprehensive planning and information manual for loam construction. It is designed as a reference and workbook for architects, engineers, contractors, building owners, and those generally interested in building with loam.

Through descriptive drawings of standard building components it provides specific planning data on constructions throughout Germany and Europe, outlining the criteria for cost estimates, offer making, and offer scrutinizing.

The workbook offers a past, as well as a current survey of the regular standards and performance of loam material and building components. Market available loam products and modern loam machinery are listed.

**lehm bau 2010** includes a long list of other literature on the subject, as well as an extensive account of finished loam projects.

**lehm bau 2010** is available in loose-leaf binder form with annual updates.

the current planning manual for earthen architecture

Dahlhaus / Kortlepel

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Dahlhaus / Kortlepel und  
Börjesson / Eider / Giskes / Papke / von den Steinen

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## 1 Pn!q!uq com̄poueuŕz



Approximately 35 loam building components for new buildings, renovation, and restoration are displayed in this chapter. Each element is shown in a drawing then followed by a table of information explaining the different layers of construction.

The information tables also provide standard prices and formulas for easy cost estimates of exterior and interior walls, ceilings and roofs. With supplementary business software for architects, cost estimates and offer calculations can be made easier and more accurate. Physical aspects of building with each component and tips for construction are also included.

## 3 wuq!uq coŕt eŕŕ!uqŕez uup otter. eŕlen!qŕŕouz



Now and for the first time, reliable information exists for professional cost estimates and offer calculations. Nearly 400 examples of textual descriptions and mid-price costs for new building and renovation work are described. Plastering, masonry, wet loam building, and dry construction cost information are included. Pricing information is listed in DM and Euros, labor price estimates are given as well.

## CD e!uqŕŕez 1 + 3

Chapters 1 and 2 are on the CD accompanying the workbook, offering the convenience of computer calculations with spreadsheet or tendering software.

## 3 an!qel!ueŕ \ uol!uŕz \ b!uŕŕ!eŕ! b!oŕe!ŕ!ez



This chapter includes the present "LehmRegeln" though we thought it also helpful to include old East and West German norms in facsimile. Information on current German Regulations and the new Swiss SIA is given.

The physical properties (i.e. loam's performance with warmth, water, fire and sound) are explained and a comparative assessment between loam and other usual building materials is presented in tabular form.

## 4 b!oŕŕueŕz \ wuŕŕe!uŕz \ eŕn!b!uŕeŕ \ wuŕŕ!uŕe!u



Information on product and material usage, storage, packaging, pricing and source, along with technical data is given here in chapter 4. Technical information and usage of necessary equipment and machinery for building with all mentioned materials and products is also described.

## 2 coŕŕŕez



Sorted by post-codes, approximately 290 addresses of European manufacturers, dealers, craftspeople, educational institutes and technical advisers are given here, along with their respective special attributes and focuses.

## 2 !ŕe!qŕue



Almost 500 titles of books, magazines, and videos are listed in this chapter.

## 5 uŕb!eŕŕ!ouŕ uup !eŕ!bŕez



This chapter will show special applications, experiences, and tips along with a casual reference to new research and development projects.

## 8 b!oŕŕez



A list of completed loam building projects and the most essential information regarding each project is given here. Addresses for those involved in the respective projects are also given for making contact.

## uŕe!ŕ!e!uŕ uŕb!eŕŕ!u

Here you find paid advertisements from manufacturers, suppliers and craftspeople.