Modules in historic building construction according to the Copenhagen Building Code

This paper describes an analysis of building works from Copenhagen, Denmark in the period 1850 to 1950. In the study we investigate, based on the theory of product architecture and product modularization, if examples of the use of well-defined interfaces can be found. Furthermore, the aim is to study how the use of such interfaces has influenced former building processes and how they were implemented and kept stable over decades. The result of the study is that at that time a number of standardized interfaces between the individual parts of the building work existed, and that these interfaces have remained unchanged for many years. The interfaces have been identified and modeled seen from a product, process and organizational perspective. The standardized interfaces have been implemented and kept primarily because of the existing legislation, training of project supervisors and craftsmen, and arrangements / agreements between the individual professional groups.

General information
State: Published
Organisations: Operations Management, Department of Management Engineering, Planning and Management of the Built Environment
Contributors: Kudsk, A., Thuesen, C. L., Hvam, L.
Publication date: 2011

Host publication information
Title of host publication: Proceedings of the World Conference on Mass Customization, Personalization, and Co-Creation
Publisher: Lulu, Inc.
Source: orbit
Source-ID: 250652
Research output: Research - peer-review › Article in proceedings – Annual report year: 2011