

Roof frames

In buildings with load-bearing facades of brick and storey partitions of (wooden) beams, roof structures (frames) are built entirely of wood and constructed more or less in direct unison with the attic's joist structure.

In buildings with concrete floor sections, there is no such correlation between the roof construction and that of the floor below: the roof frame can be freely designed and held and supported anywhere. Taken to extremes there is no roof frame at all, merely a structure consisting of heat-insulating material of lightweight concrete, mineral wool or expanded plastic as a substrate for covering with felt.

Types of roof frames include: pitched/saddle roof, gambrel roof, Copenhagen roof and flat roof.

In early construction, they all appeared in "half" versions, where the side or back wing was constructed in line with the neighbouring property.

A number of roof structures in the form of turrets and spires can be seen in the building work of the late 1800s in particular. These are all wooden structures.

