Reed harvesting can be often problematic work.
Harvesting on soft ground
Cleaning process needs a lot of handwork
In Northern-Estonia there are organized annual reed days. Boat made of reed. Probably not marine firme but gives general idea of the enthusiasm.
In Northern-Estonia there are organized annual reed days. Reed is good material for dress decoration.
Christmas decoration and crowns made of reed
Reed mat to winterize the walls.
Producing reed mats leaves behind reed waste that can be used as mulch
Thermal plate fixation to the wall
Singel layer reed mat. Underlay to plaster without insulate characteristic
Singel layer reed mat. Lightweight external wall to gardens and courtyards
Plastering the thermal plate. Mostly used glay plaster.
Boilerhouse that uses reed that is useless for building thatched roofs. Other organic fuel is used also.
Warehouse for reed bricket
So-called rubbish reed. Harvested even with part of roots
Test house at Estonian University of Life Sciences
Winterizing the walls of reed house. This particular house is built on wooden framework. Bearing walls is also made of reed
Eco-construction. A house with reed cube walls.
Bearing walls made of reed cubes (Here is litter)
Nebraska style
Pressure
Reed layer without plaster. Main idea is to protect timber wall from weather damages but works a little as heat insulation as well.
This method has been used for decades. Nowadays it starts to gain popularity as design element.
50 mm thick reed layer between roof laths and roof to get correct surface
Different sides of the same roof. Under thatched roof has been built wooden chip roof
Idea from Western Europe. House from the beginning of 20. century
The owner of that house was a well known Estonian artist/painter who let his fantasy to fly.
A house to summer nights. Inspiration got from old storehouses.
Different forms on thatched roofs. That kind of ridge is the most commonly used ridge type in Estonia
Thatched roof is used to cover residential houses and also saunas
Quality of the work depends on the maker and varies very much. On the picture there is a 5 year old roof that already needed serious repairing.
Thatched roofs are often ordered as design elements in a garden
Thatched roof to a suburban summerhouse is quite popular choice among the owners
Conifer (pine) is the most commonly used material for ridge attachment
According to client, oak or other time-proof wood can be used for ridge attachment.
If ridge is made traditional way then it has to be changed after every ten years.
Roof from 1996. Ridge has been changed in 2006
Board panel ridge can be used to get more time-proof and more elegant solutions.
In that case they use tar-soaked boards or oak boards.
Oak boards last longer but are more expensive as other material.
Thatched roof for outdoor kitchen in Finland
Thatched roof for outdoor kitchen in Finland
Sepatec Fire Protection system has been used
A house built in Denmark according by local requirement. Ridge- heather and oak ridge attachment
A roof in Denmark. Ridge is made of heather and secured with zinc net.
A roof in Denmark. Ridge is made of heather and secured with zinc net
Complex in Denmark
21 century storehouse. Every thatchers dream to cover
Tänan. Thank You