

Norwegian Stave Church GOL

Scale: 1/87

Length: 320mm

Width: 210mm

Height: 340mm

HISTORY:

The model represents Norwegian stave church GOL. The church was built about 1212. About 1884 year the building was moved to Norwegian Museum of Cultural History. In the past more than two thousands stave churches were built in Norway and the Gol is one of the last stave churches which survive to these days.

Recommended tool list:

- 1) Modeler's knife or scalpel
- 2) Selection of abrasive paper
- 3) Scissors
- 4) Pliers
- 5) Pencil
- 6) Rule

Before you begin:

Before you begin to build the model it is necessary with a vengeance read building instructions and plans. Also chronology of assembly steps is necessary to keep. You check if the parts go together before you glue it respectively you make any corrections with sandpaper. During the gluing, painting, lacquering and at work with another chemical materials is necessary well ventilated in your working room. You cut the parts from sheet until actually required for fitting. You cut by knife only in direction off ward your body so that you head to injury risk.

Colouring:

Wooden construction of the wood is protected again woodworms and climatic influences by paint based on mixture of tar. It leads to reddish-brown or brownish-black colour of the building. This effect is possible to get by staining of the wood by dark wood stain.

Model building process:

Figure 1:

Glue parts 2-9 to base 1.

Figure 2:

First glue upper parts 10 and 11 to the parts 2-5. Then glue poles 12 into the holes in base 1. The poles 12 are in 1:1 scale shown in the figure. Then glue walls 13-19 into their positions. Finally glue portals 20 to the walls 17-19.

Figure 3:

First glue poles 21 and 22 into the holes in base 1. Then glue half round part 23 to the poles 21 as it is shown in the figure.

Figure 4:

First glue planks 24 and part 25 into their positions.

Then glue also walls 26-49 into their positions. First glue lower parts 26-37 to the base 1. Then glue upper parts 39-49 to the poles. Finally glue columns 38 between the upper and lower parts.

Figure 5:

First glue parts 50 and 51 to the part 10. Then glue upper part 52 to them. Then glue walls 53-63 to their positions as it is shown in the figure. Then glue poles 64-66 into their positions. Then glue support parts of construction of roof 67-75. Finally glue planks 76 to the walls.

Figure 6:

First glue parts 77 to the support parts 73. Then glue support parts of construction of roof 79-84 and planks 85 into their positions. Finally glue also other support parts 86-93 into their positions.

Figure 7:

First glue parts of roof 94 and 110 into their positions. Then glue also rest parts of roof into their positions as it is shown in the figure.

Figure 8:

First glue parts of roof 118 to the support parts 91 and 93. Then glue turret from parts 119-124.

Figure 9:

Glue shingles 125 to the roofs. It is possible to glue whole shingles strips (cut by laser from veneer) to the plane areas. But to cylindrical or conical areas simple shingles cut out from the laser made strips is need to use. Finally border the roofs by planks 126.

Figure 10:

First glue parts 128 and 133-137 to the roofs and border them by planks 129. Then make crucifixes from parts 131 and 132 and glue them to their positions. Finally glue decorations 127 and 130 to the roofs.

Figure 11:

First glue a skeleton of tower from parts 138-141. Then glue roofs 142 to their positions. Then glue shingles 126 to the roofs and border them by parts 129 and 144. Then glue decorations 143 to the roofs. Then glue similarly also second floor of the tower. Finally sharpen pike 153 from dowel and glue it to the top of the tower.

Figure 12:

In the figure is shown completed model.

Figure 13-16:

The figures show position of simple parts in wooden sheets.

Part list:

1-11	Plywood 3mm	1ks
12	Dowel 10mm	2ks
13-15	Plywood 3mm	1ks
16	Veneer 1mm	22ks

17-19	Plywood 3mm	1ks
20	Veneer 1mm	3ks
21	Dowel 8mm	3ks
22	Dowel 6mm	1ks
23	Plywood 3mm	1ks
24	Veneer 1mm	20ks
25	Plywood 3mm	1ks
26-36	Plywood 3mm	2ks
37	Veneer 1mm	10ks
38	Dowel 2mm	2ks
39-49	Plywood 3mm	2ks
50-63	Plywood 3mm	1ks
64	Dowel 10mm	2ks
65,66	Dowel 8mm	3ks
67	Plywood 3mm	12ks
68	Plywood 3mm	4ks
69	Plywood 3mm	6ks
70-72	Plywood 3mm	1ks
73	Plywood 3mm	3ks
74	Dowel 6mm	1ks
75	Plywood 3mm	6ks
76	Veneer 1mm	10ks
77	Veneer 1mm	3ks
78-84	Plywood 3mm	1ks
85	Veneer 1mm	10ks
86	Plywood 3mm	4ks
87	Plywood 3mm	8ks
88	Plywood 3mm	1ks
89	Plywood 3mm	2ks
90-93	Plywood 3mm	1ks
94	Veneer 0.6mm	30ks
95-98	Veneer 0.6mm	2ks
99	Veneer 0.6mm	4ks
100-109	Veneer 0.6mm	2ks
110	Veneer 0.6mm	6ks
111-113	Veneer 0.6mm	2ks
114	Veneer 0.6mm	1ks
115-117	Veneer 0.6mm	2ks
118	Veneer 0.6mm	40ks
119-121	Plywood 3mm	1ks
122	Veneer 0.6mm	24ks
123	Veneer 0.6mm	1ks
124	Veneer 0.6mm	30ks
125	Veneer 0.6mm	370ks
126	Veneer 0.6mm	24ks
127	Plywood 3mm	2ks
128	Veneer 1mm	2ks
129	Veneer 0.6mm	24ks
130	Plywood 3mm	6ks
131	Plywood 3mm	8ks

132	Veneer 1mm	8ks
133	Veneer 1mm	1ks
134	Veneer 1mm	3ks
135-137	Veneer 1mm	1ks
138	Plywood 3mm	2ks
139	Veneer 1mm	1ks
140	Veneer 1mm	2ks
141	Veneer 1mm	10ks
142	Veneer 0.6mm	2ks
143	Plywood 3mm	2ks
144	Veneer 1mm	2ks
145	Plywood 3mm	2ks
146	Veneer 1mm	2ks
147	Veneer 0.6mm	1ks
148	Veneer 0.6mm	4ks
149	Veneer 0.6mm	1ks
150	Veneer 0.6mm	4ks
151	Veneer 0.6mm	1ks
152	Veneer 0.6mm	4ks
153	Dowel 6mm	1ks