



Installing description

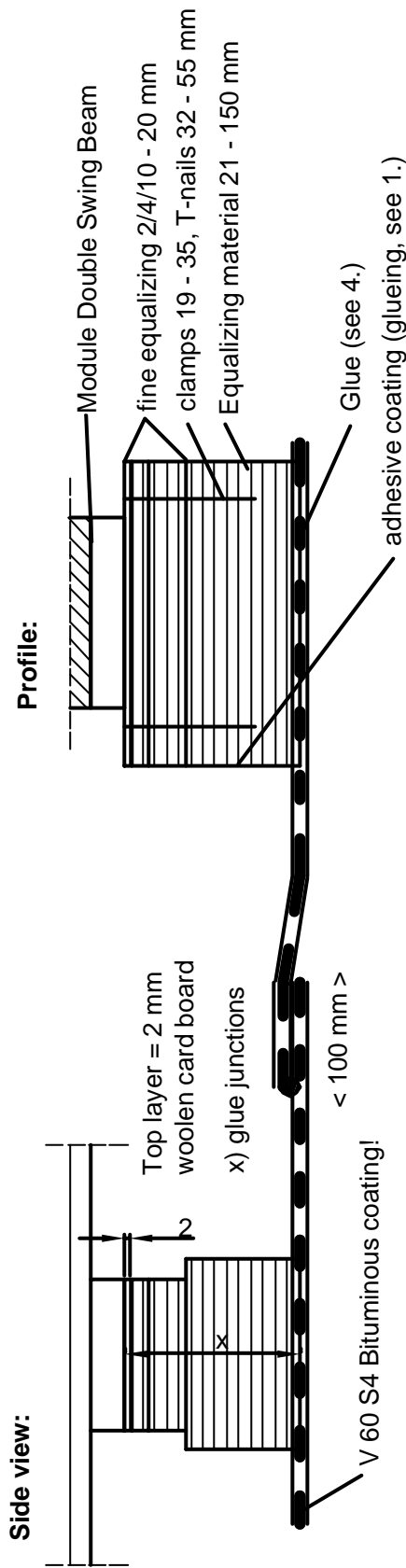
**HARO – Sports floor
Model: Stockholm 10**

Update: 2002

Hamberger Industrierwerke GmbH
P.O. Box: 10 03 53 • 83003 Rosenheim • Germany
Phone : 0049 (0) 8031 7 00-494 • Fax : 0049 (0) 8031 7 00-463
e-mail: mail@hamberger.de • Internet: www.haro.de

HARO - SPORTS

Equalizing of Haro Sports floor constructions



Lap joints have to be in ignitioned until bitumen melts

1. Coat equalizing material with dispersion glue
 2. From 20 to 35 mm equalizing height the material has to be fixed with 19 mm clamps
 3. From 35 mm equalizing height on the material has to be fixed with T-nails on both sides
 4. Equalizing pieces from 40 mm on have to be glued directly onto the bituminous coating before fine equalizing
- Attention: Do not damage the bituminous coating

Attention! Sealing of surface ground

The sports floor should be protected against humidity. That means you need an air humidity less than 55 %/ 18 °C (VOB DIN 18365 Parkettverlegetechnik). As the construction of the floor consists of 100 % wood, a sufficient sealing against rising dampness (moisture) must be granted. Depending on the risk of moisture, the sealing can be done with a bituminous coating or at least with a PVC (vinyl) foil 0,5 mm thick. It must be ensured before installation that the concrete is dry and a sufficient sealing will be done. In case of usage of PVC Foil, it has to be laid on the raw concrete with lap joints of 100 mm. Lap joints have to be welded together with PVC Glue.

Measurements in mm

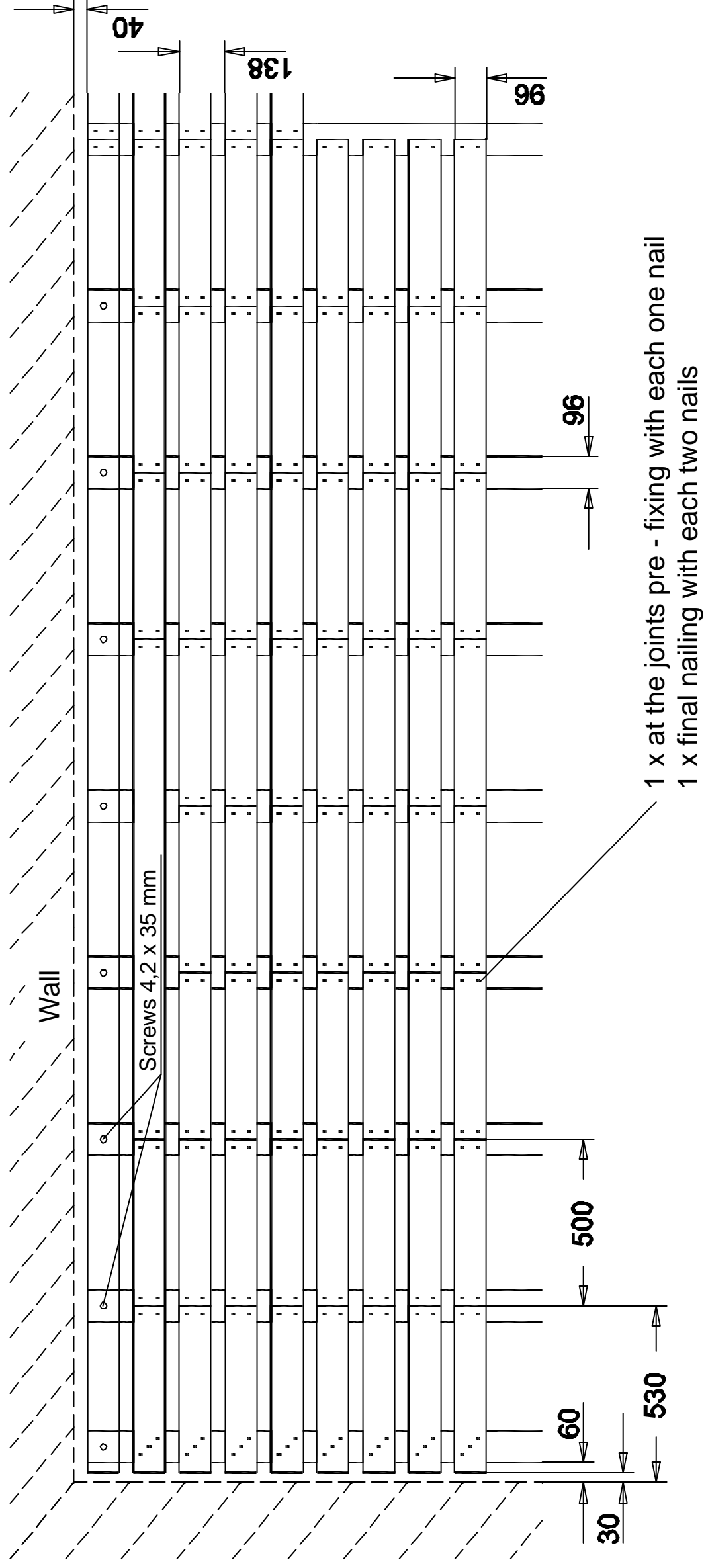
Installing description

Model: Stockholm 10

Page
1 of 5

Haro- Sports

Placing and Installing of counter floor module



Counter floor - Module:

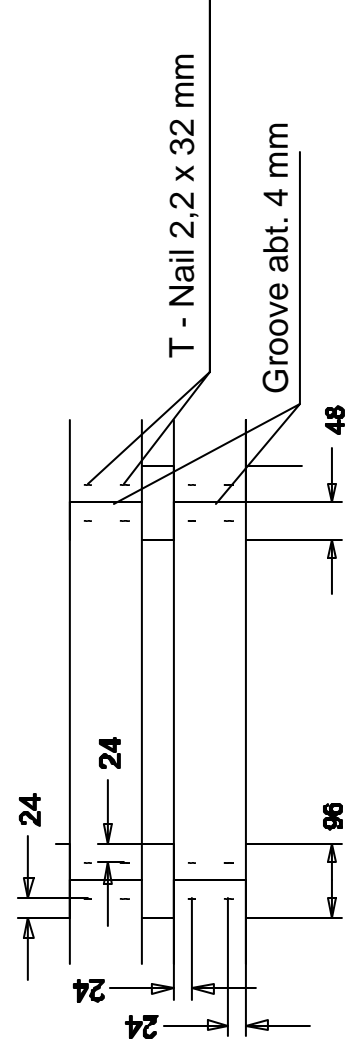
First line = gauge: 1 x to be screwed with 4,2 x 35 mm

Attention:

Gauges have to be screwed up.

Distance = pressure - dispersing - module, e. g. with sport parquet > 2200 mm,

Dimension divisible by 137,5!



Measurements in mm

Installing description

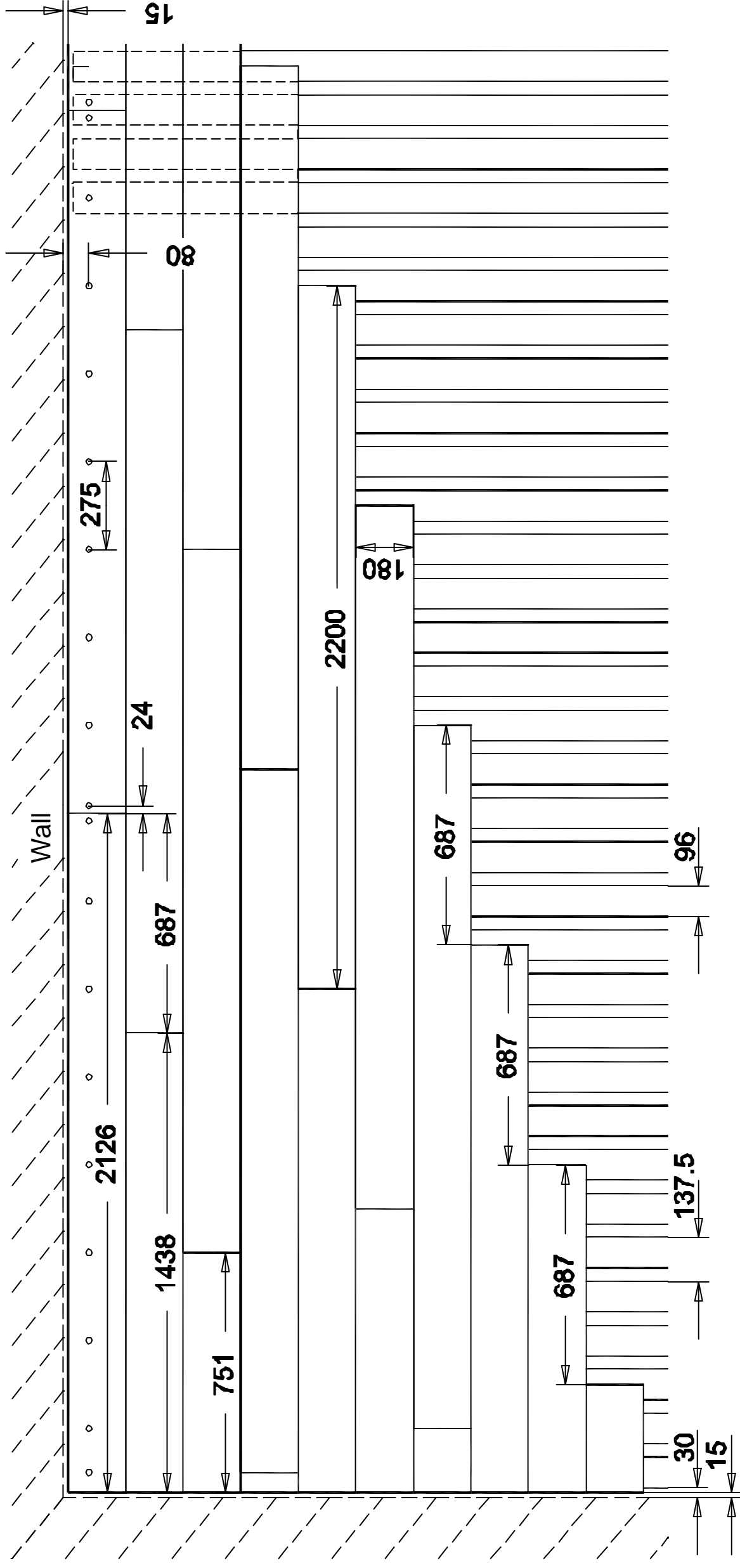
Model: Stockholm 10

Page

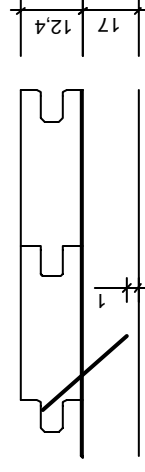
3 of 5

HARO - SPORTS

Screwing chart of sports parquet



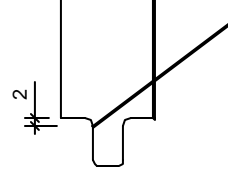
Staple



1 = minimum distance in case of floor - heating. The fixed clamp must not protrude.

Staple: BAB M 17, 38 mm

Attention: Fixation material not to be put at the edge. Staple abt. 2 mm within the tongue



Details not in correct scale

Measurements in mm

Installing description

Model: Stockholm 10

Page

4 of 5

Haro - Sports

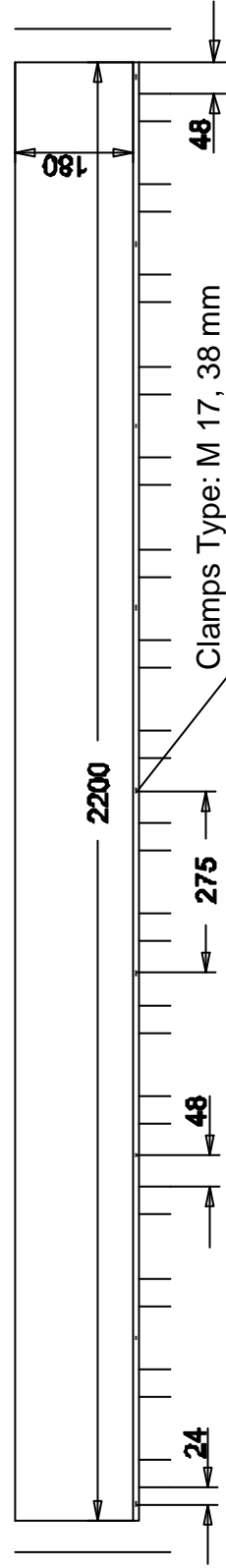
HARO sports parquet Fixing

Way of installation: Generally lengthwise

First and last row of the parquet panels are to be screwed on every double swing beam unit. Sink screwhead by 2 - 3 mm and fill the holes with hard wax.

- Glueing:
- a) Glue the 3 first and last rows of the parquet panels in tongue and grade along the length of the hall.
 - b) Glue within a distance of 1000 mm also in tongue and grade along the front walls.
 - c) Glue short panels (≤ 1000 mm) generally.

Fixing of panels:



Measurements in mm

Installing description

Model: Stockholm10

Page
5 of 5