

M 1:10

Firstpfette 14/18 cm

2x SPAX ø10-300

2x 6 Na 3,4x80 beidseitig

Laschen 2,4/14 cm beidseitig

Sparren 10/20 cm

6,4 x 6,4

M 1:10

M 1:10

Schnitt

Sparren 10/20 cm

2x SPAX ø8

14

24

5x

Randgurt 14/24 cm, BSH

2x Dübel Typ C10-65 mit Bolzen M16-5,6

Kehlbalken zweiteilig 2x 6/18 cm, Futterholz 10/18 cm

18

9

10

10

Kehlbalken zweiteilig 2x 6/18 cm, Futterholz 10/18 cm

18

9

10

10

M 1:10

Sparren 10/20 cm

Winkelverbinder ABR 105
beidseitig, ausgenagelt mit
CNA 4.0x40 (24 Stück)

Schwelle 18/6 cm

≥ 16

Schnitt

fischer Ankerbolzen
FAZ II 18/100
beidseitig der Sparren an

12 6 15 10 15 18

M 1:10

Sparren 10/20 cm

Sparrenhalt SHB 100G-3

2x3 CNA 4.0x40

14

fischer Ankerbolzen
FAZ II 16/100
2 Stück

M 1:10

Technical drawing of a roof connection detail. The drawing shows a cross-section of a roof structure with a 10/20 cm slope. The components and dimensions are as follows:

- Sparren 10/20 cm**: The main roof beam.
- 2x SPAX ø8-200 unter 45° eingeschräut**: Two wooden rafters fixed to the main beam at a 45-degree angle.
- Winkelverbinder Typ 90 mit Rippe beidseitig ausgenagelt CNA 4.0x40**: A 90-degree angle bracket with a rib, fastened with nails on both sides.
- Gaubenriegel 20/24...29,6 cm BSH**: A batten (Gaubenriegel) with a width of 20/24 to 29,6 cm, made of BSH (Balkenholz).
- Gaubenriegel 12/12 cm**: A smaller batten (Gaubenriegel) with a width of 12/12 cm.
- Dimensions**: The drawing includes various dimensions: 20, 10, 10, 20, 9, 12, and 20.
- Simpson**: The logo of the Simpson company is visible.

M 4.10

Schnitt

30
20
10
2
20

Balkenträger BT 4-200-B (Simpson)
mit 2x4 Kammnägeln, Teilausnagelung 18x 4.0x60
+ Stabdübel 5x ø12-100

Gaubenriegel 20/24...29.6 cm,
BSH
bzw. einseitig

Nagelbild (Teilausnagelung)

Nagelbild
(Teilausnagelung)

M 1:10

Technical drawing of a roof truss cross-section. The drawing shows a triangular truss structure with various dimensions and material specifications. Key elements include:

- Roof Slope:** Indicated by a triangle with a vertical side of 4 and a horizontal side of 3, representing a 4/3 slope.
- Dimensions:**
 - Top horizontal width: 15
 - Left vertical height: 60
 - Right vertical height: 10
 - Bottom horizontal width: 5
 - Internal horizontal width: 8x2,5=20
 - Internal vertical height: 5
 - Internal horizontal width (dashed line): 8x2,5=20
 - Internal vertical height (dashed line): 5
- Material Specifications:**
 - KERTO-Q Platte:** t=39 mm, ca. 90x80 cm, 28 Seitig
 - 37 Na 3,8x100 beidseitig**
 - 28 Na 3,8x100 beidseitig**
 - Sparren 20/30 cm BSH Gl. 24h**
- Structural Details:**
 - A central square area is marked with a dashed line and contains a grid of small crosses.
 - Arrows indicate the direction of the roof slope.

M 1:10

Technical drawing of a roof cross-section showing various construction layers and structural elements. The drawing includes the following labels and dimensions:

- Firstpfette 18/32 cm, BSH
- 2x SPAX $\phi 10-260$
- 2x SPAX $\phi 10-260$
- 2x 6 Nä 3.4x80 beidseitig
- Laschen 2,4/14 cm, beidseitig
- Sparren 10/20 cm
- 2x SPAX $\phi 10-260$

M 1:10

Sparren 20/30 cm
BSH

2x SPAX e8

Randgurt 14/24 cm.
BSH

4x SPAX e8-200,
beidseitig

Lasche 8/16 cm
 $\approx 1,80 \text{ m}$

Kellerfenster
2x
2x

Technical drawing of a reinforced concrete slab with two SPAX e8-300 reinforcement bars. The drawing shows a plan view and a cross-section. The plan view shows a slab with a total width of 160 cm (80 cm on each side of a central 20 cm gap). The reinforcement bars are 2x6 SPAX e8-300, with a diameter of 8 mm and a length of 300 mm. The bars are spaced at 10 cm intervals. The cross-section shows the slab thickness of 20 cm and the reinforcement bars positioned 10 cm from the bottom. The drawing is labeled "SPAX e8-300" and "Balken beidseitig 10/18 cm".

M 1:10

[illegible]

Schnitt

Alle Nägel in Faserichtung um 1x d1 gegeneinander versetzt anordnen.

Firstplatte 14/18 cm

Balkenschuh BSD 140/180
Vollaussattelung CNA 4.0x60

KERTO-Q Platte, t=39 mm
ca. 90x60 cm
beidseitig

Balkenschuh BSD 180/320
Vollaussattelung CNA 4.0x60

Firstplatte 18/32 cm,
BSH GL 24

M 1-10

Bl. 160x200x6 mm
beidseitig,
ausgelegt mit
8 No 50x100

EBT

Auflager Sparren auf Blech

30

3 5 3

7 4.5

6

14

≥ 18

M 1:10

M 1:5

Technical drawing of a roof structure. The drawing shows a cross-section of a roof with a vertical wall on the left and a sloped roof section. The roof is supported by a horizontal base. Dimensions are given in millimeters (mm). The total width of the base is 500 mm. The vertical wall has a height of 276 mm. The roof slope is indicated by an angle of 12.6°. The roof structure is made of Winkel 103x83x10 mm, with a spacing of 200 mm between the rafters. The roof is covered with a material having a thickness of 8 mm. The drawing also shows the dimensions of the roof structure, including the length of the rafters (103 mm) and the distance between the rafters (200 mm).

M 1:10

Diagram of a roof truss cross-section showing a central purlin (Mittelpfette) and two rafters (Kehlsparren). The purlin has a height of 24 cm and is supported by a downward arrow labeled $F_d = 12 \text{ kN}$ ($k_{\text{mod}} = 0.9$). The rafters have a height of 32/38 cm. The purlin is labeled "Mittelpfette 14/24 cm, BSH" and the rafters are labeled "Kehlsparren 32/38 cm, BSH".

M 1:10

Diagramm eines Rahmenanschlusses (AN) mit einer Höhe von 32 cm. Die Bauteile sind als Grauporenbeton 20/32 cm, BSH (Balken) und Mittelfette 20/26 cm, BSH (Stütze) gekennzeichnet. Eine Last $F_d = 20 \text{ kN}$ ($k_{\text{sed}} = 0.9$) wirkt auf den Balken. Die Ausbildung des Anschlusses ist im Rahmen der Abbindplanung durch AN zu erbringen.

M 1:10

[illegible]

Schnitt

Schnitt

2x4 fischer Ankerbolzen
FAZ II 16/25
beidseitig

Bl. 55x310x8 mm
mit 6 Bohrungen ø17 mm

Bl. 160x200x6 mm
beidseitig

55
10
3
29
10
3
10
0
16
4
10
5
31
16
10
5
31
17
20
17
16

Schnitt

Technical drawing of a roof truss cross-section. The drawing shows a central truss structure with various dimensions and components labeled.

Dimensions and labels:

- Top left: **Bl. 500x360x8 mm**
mit 4 Bohrungen ø17 mm
- Top center: 30, 30, 10
- Top right: 30, 30, 10, 30
- Right side: 8, 20, 36
- Bottom left: **2x2 fischer Ankerbolzen**
FAZ II 16/25
beidseitig
- Bottom right: **Bl. 300x400x6 mm**
beidseitig

M 1:10

100x6 mm

2x SPAX Ø10-220
Vollgewinde je Anschluss

Sparren Ostflügel
Mommensenstraße

Sparren 10/16 cm

Kehlsparren 32/38 cm, BSH

32

32

Fase 4x4 cm
auf Ostseite Kehlsparren anordnen
(Lage s.H. Grundriss
bzw. Angabe Architekt)

M 1:10

Technical drawing of a roof ridge cross-section. The drawing shows two rafters (Sparren) meeting at a peak. The top rafter is labeled 'Sparren 10/20 cm'. The bottom rafter is labeled 'Sparren 20/32 cm, BSH'. The roof tiles are shown as a series of overlapping rectangles. The tiles on the left are labeled 'Gratsparren 20/32 cm, BSH'. The tiles on the right are labeled 'Sparren Ostflügel Mommsenstraße'. The connection between the rafters and the tiles is labeled 'Anschluss Sparren an Gratsparren mit 2x SPAX ø 10-220 Vollgewinde'. Dimensions are given: 20 cm for the width of the roof tiles, 19 cm for the height of the roof tiles, and 32 cm for the height of the roof tiles. The drawing is a technical drawing of a roof ridge cross-section.

Anlage zum LV

BAUHERR
Staatsbetrieb Sächsisches
Immobilien- und Baumanagement
Niederlassung Dresden II

NAME DES LAYOUTS:
DATE/NAME: G0003028 AFU 300 TW DG OFM712 04