

Technical drawing of a wall cross-section showing construction details and dimensions. The drawing includes the following labels and dimensions:

- Labels:**
 - Yläjohde
 - Säle-elementti
 - Törmäyspalkki
 - Puu
 - Kulutuskerros
 - Kansilankut
 - Alafuki
 - Kaidetolppa
- Dimensions:**
 - Vertical dimensions: 70, 70, 1490, 110, 70, 150, 1220, 70, 45, 575, 35, 81, 180, 363 (368).
 - Horizontal dimensions: 81, 180, 363 (368).

Technical drawing of a staircase railing section. The drawing shows a side view of the railing with vertical balusters. Dimensions are given in millimeters: a total width of 1880 mm, a baluster width of 75 mm, and a baluster spacing of 1675 mm. Labels include 'Törmäyspalkki' (balustrade) and 'Kaidetolppa' (balustrade post).

Technical drawing of a window frame assembly showing dimensions and components. The drawing includes labels for the following parts:

- Säleiden ylätukipuu (Upper support wood)
- Sahatavara 70x70 höyläty (70x70 milled material)
- Säleet (Blinds)
- Sahatavara 45x70 höyläty (45x70 milled material)
- Säleiden alatuipuu (Lower support wood)
- Sahatavara 70x70 höyläty (70x70 milled material)
- Säleiden alajohde (Blind guide)
- Sahatavara 45x195 höyläty (45x195 milled material)

Dimensions shown in the drawing include:

- 70 (height of the upper support wood)
- 654...1490 (height of the blind assembly)
- 842...1675 (total height of the assembly)
- 70 (height of the lower support wood)
- 30 (width of the lower support wood)
- 70 (width of the lower support wood)
- 45 (width of the lower support wood)

K1 K2 K3 K4 K5 K6 K7 K8 K9 K10

Toinen puoli vastaavasti

Technical drawing of a rectangular structure, labeled **K2**. The drawing shows a top-down view of a rectangular frame with internal vertical dividers. The overall dimensions are 1880 (width) by 1370 (height). The internal width is 1750, and the internal height is 1330. The structure is composed of 10 vertical bars, each 35 units wide, spaced 65 units apart. The top and bottom edges are labeled "Säleet k155". The left and right edges are labeled "1370". The top and bottom edges are labeled "1880" and "1850" respectively. The internal width is labeled "1750". The internal height is labeled "1330". The height of the top and bottom bars is labeled "110". The height of the side bars is labeled "90".

Technical drawing of a staircase railing assembly, showing side and end views with labels in Finnish:

- Yläjohde** (Upper guide)
- johteeseen ruuveilla osakierre d8x120** (Screw into the guide with partial turn d8x120)
- Säleiden ylätukipuu** (Upper support wood for balusters)
- Säle-elementti** (Baluster element)
- Kaidetolppa** (Handrail post)
- kiinnitys ruuveilla 6 d4x35** (Fastening with screws 6 d4x35)
- Säleiden alaturkipuu** (Lower support wood for balusters)
- Säleiden alajohde** (Lower guide)
- kulmal levy: 80x80x100x2,5** (Corner plate: 80x80x100x2,5)
- Kiinnittään ensin kaideto** (First fasten the handrail)

Technical drawing of a window frame assembly (DET. 1) showing dimensions and components.

Dimensions:

- Top horizontal dimensions: 155, 40, 1510, 40, 155.
- Bottom horizontal dimension: 1510.
- Vertical dimension: 1510.
- Bottom horizontal dimension: 1510.

Components and Labels:

- Ruuvi : osakierre4 d8x120** (Screw : partial thread 4 d8x120)
- kiinnitys ruuveilla 6 d4x35** (Fastening with screws 6 d4x35)
- kiinnitys ruuveilla 6 d4x35** (Fastening with screws 6 d4x35)
- kulmalevy: 80x80x2.5 L=100** (Corner plate: 80x80x2.5 L=100)
- DET. 1**
- Ruuvit: 24 d4x35** (Screws: 24 d4x35)

Technical drawing of a window frame assembly. The drawing shows a cross-section of the frame with various dimensions and components labeled.

Dimensions:

- Top width: 1750
- Bottom width: 1880
- Left height: 1630
- Right height: 1675
- Top left offset: 65
- Top right offset: 65
- Left vertical offset: 110
- Bottom right offset: 50

Components and Labels:

- Säleet k155**: Label for the top left corner component.
- K3...K5**: Label for the top center component, indicating a range of sizes.
- a**: Label for the bottom right corner component.

K6...K8

1750

65

65

Säleet k155

110

1630

1675

90°

1880

akierre k155

1705

45

45

45

akierre

105

120

4 k40

(1370)

1430

120

4 k40

105

K9

Technical drawing of a K9 metal grate. The drawing shows a rectangular grate with 10 vertical bars. Dimensions are given in millimeters. The top width is 1880 mm, with 65 mm margins on each side. The bottom width is 1850 mm, with a 35 mm margin on the right. The height is 1330 mm, with a 110 mm margin on the right. The distance between the bars is 1750 mm. A 90-degree angle is indicated at the bottom left corner.

Technical drawing of a roof structure (K10) showing a cross-section with dimensions. The roof is a trapezoid with a top width of 1880 and a bottom width of 1820. The height is 561. The roof slope is indicated by a triangle with a vertical side of 13 and a horizontal side of 70. The roof is supported by a wall with a height of 1370 and a base width of 35. The roof is labeled 'K10' and 'Säleef k155'.

Kaidetolpan jalka, ks. piir. b-1

Teräslevy

60 60 30 5 115 120 115

336 10 3

Sisäkierte M10

274 100

Teräslevy

Kaidetolpan jalka

Kuusiortuvi M10 L=14.0

Pyöreä aluslaatta 10

Kaidetolppa

Kuusiortuvi M10 L=14.0

Pyöreä aluslaatta 10

Teräslevy t=10

30

30

Teräslevy t=10

Kaidetolpan jalka

Siipimuurin yläpinta

Technical drawing of a wall cross-section showing the connection between a concrete slab and a brick wall. The drawing includes labels for various components: 'Kaidetolpan jalka' (base plate), 'Siipimuurin ulkopinta' (outer face of the wing wall), 'Kaidetolppa' (base plate), 'Säle-elementti' (dimple element), 'Törmäyspalkki' (collision beam), and 'Siipimuurin sisäpinta' (inner face of the wing wall). A scale bar at the bottom indicates 1:1.

Technical drawing of a window sill detail. The drawing shows a cross-section of the window frame and the building structure. Key components labeled include:

- Säle-elementti**: The sill element, shown as a vertical rectangular component with several circular holes.
- Teräslevy t=10**: A steel plate with a thickness of 10 mm, shown as a horizontal rectangular component.
- Kaidetolpan jalka**: The sill plate base, shown as a horizontal rectangular component at the bottom.

The drawing also includes a dimension line labeled '2' indicating a specific dimension or material property.

KAIDE	a
K1	22
K2	22
K3	16
K4	9
K5	3
K6	3
K7	9
K8	16
K9	22
K10	22

Puutavara: Liimapuu: mäntyä (SFS-EN 14080), painekyllästys (SFS-EN 351-1, kylästysluokka P8, SFS-EN 335-1 käyttöluokka UC4), suolapainekyllästys, värisävy ruskea
- Lujjuusluokka GL30c (SFS-EN-14080), ellei toisin mainittu
- Lujjuusluokka GL30h (SFS-EN-14080), kaidepotkat
- Liimaus (SFS-EN 301)
- Karkeahöyläys
Sahatavara: mäntyä (SFS-EN 14081-1), painekyllästys (SFS-EN 351-1, kylästysluokka P8, SFS-EN 335-1 käyttöluokka UC4), suolapainekyllästys, värisävy ruskea
- Lujjuusluokka C30 (SFS-EN 338)

Liittimet: Ruuvit
Kansiruuvit (DIN 571)
Kierrelangot (DIN 975)
Pultit (SFS-EN ISO 4014 / DIN 931)
Mutterit (SFS-EN ISO 4032 / DIN 934)
Hattumutterit (DIN 1587)
Aluslaatat, normaali, pultti \leq M12 (SFS-EN ISO 7089 / DIN 125)
Aluslaatat, paksu, pultti $>$ M12 (DIN 7989)
Aluslaatat, pyöreä, puutarvasten (SFS-EN ISO 7094 / DIN 440)

Ruuvien ollessa $d > 6\text{mm}$ on reiät esiporattava

Maininta tyyppipiirustussarjasta poistetaan ja suunnitelma varustetaan siltakohtaisella numerolla sekä suunnittelukonsultin tunnuksilla ja henkilöllä.

Kuorma	KL/5.9.2014, Onnettomuustilanteen kuorma 260 kN teli, akseliväli 1,2 m, rengaskuormien raideleveys 2 m.
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