

Technical cross-section drawing of a building's exterior wall and roof structure. The drawing shows a vertical wall on the left and a horizontal roof structure on the right. Key components labeled include:

- Yläjohde
- Säle-elementti
- Törmäyspalkki
- Puu
- Kulutuskerros
- Kansilankut
- Alatuki

Dimensions (mm) are indicated:

- 70
- 1490
- 110
- 70
- 150
- 1220
- 575
- 81
- 180
- 363 (368)
- 35

Technical drawing of a railing system. The drawing shows a side view of a railing with vertical balusters. The total width of the railing is 1880. The width of the handrail is 75. The height of the railing is 1675. The drawing includes labels for the components: Törmäyspalkki (Handrail) and Kaidetolppa (Baluster). The drawing is a technical drawing of a railing system, showing a side view of the railing. The railing consists of a handrail (Törmäyspalkki) and vertical balusters (Kaidetolppa). The dimensions are given in millimeters. The total width of the railing is 1880. The width of the handrail is 75. The height of the railing is 1675. The drawing is a technical drawing of a railing system, showing a side view of the railing. The railing consists of a handrail (Törmäyspalkki) and vertical balusters (Kaidetolppa). The dimensions are given in millimeters. The total width of the railing is 1880. The width of the handrail is 75. The height of the railing is 1675.

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 alaturkupuu (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 K11

Technical drawing of a window frame (K2) showing dimensions and components. The drawing includes a side elevation and a top view. The side elevation shows a frame with a total height of 1330 mm and a total width of 1880 mm. The frame is composed of a top rail, a bottom rail, and vertical muntins. The top rail has a height of 110 mm. The bottom rail has a height of 35 mm. The muntins are spaced at 1750 mm. The side elevation also shows a 10° angle at the bottom right corner. The top view shows a frame with a total width of 1880 mm and a total height of 1750 mm. The frame is composed of a top rail, a bottom rail, and vertical muntins. The top rail has a height of 65 mm. The bottom rail has a height of 65 mm. The muntins are spaced at 1750 mm. The top view also shows a 10° angle at the bottom right corner.

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 for the frame: 1510.

Components and Labels:

- Ruuvi : osakierre4 d8x120** (Screw: partial thread 4 d8x120)
- 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)

K3...K6

1750

K7...K9

1750[illegible]K10

188
175

K11

188
175

Technical drawing of a concrete slab joint (Kaidetolpan jalka) showing top and side views with dimensions and labels.

Top View Dimensions:

- Overall width: 30
- Distance from edge to center of first reinforcement: 60
- Distance between reinforcement centers: 60
- Distance from center of second reinforcement to edge: 60
- Width of the joint: 5
- Distance from edge to center of first reinforcement: 115
- Distance between reinforcement centers: 120
- Distance from center of second reinforcement to edge: 115

Labels:

- Kaidetolpan jalka, ks. piir. b-1
- Teräslevy

Side View Dimensions:

- Overall height: 336
- Distance from top edge to center of first reinforcement: 3
- Distance between reinforcement centers: 336
- Distance from center of second reinforcement to bottom edge: 3
- Distance from edge to center of first reinforcement: 10
- Distance between reinforcement centers: 274
- Distance from center of second reinforcement to edge: 10
- Width of the joint: 100

Labels:

- Sisäkierre M10
- Teräslevy
- Kaidetolpan jalka

Kuusioruuvi M10 L=140
Pyöreä aluslaatta 10

Kaidetolppa

Kuusioruuvi M10 L=140
Pyöreä aluslaatta 10

Teräslevy t=10

30

30

Teräslevy t=10

Kaidetolpan jalka

Siipimuurin yläpinta

Technical cross-section diagram of a wall assembly. The diagram shows a multi-layered wall structure. From left to right, the layers are: exterior insulation (Siipimuurin ulkopinta), a drainage channel (Kaidetolppa) with a slope indicator '1' and an arrow pointing right, a structural element (Säle-elementti), a drainage channel (Kaidetolppa) with a slope indicator '1' and an arrow pointing right, and interior insulation (Siipimuurin sisäpinta). A horizontal line labeled 'Törmäyspalkki' (collision beam) is shown below the drainage channels. The diagram is labeled with '1' and arrows indicating the direction of water flow or slope.

Technical drawing showing a cross-section of a railing detail. The drawing includes labels for the railing element, the steel plate (Teräslevy t=10), and the railing base (Kaideoljan jalka). Dimensions are indicated by the number 2.

KAIDE	a
K1	25
K2	25
K3	19
K4	12
K5	6
K6	0
K7	6
K8	12
K9	19
K10	25
K11	25

Puutavara: Liimapuu: mäntyä (SFS-EN 14080), painekyllästys (SFS-EN 351-1, kylästysluokka P8, SFS-EN 335-1 käyttöluokka UC4), suolaipainekyllästys, värisävy ruskea
 - Lujusluokka GL30c (SFS-EN-14080), ellei toisin mainittu
 - Lujusluokka 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), suolaipainekyllästys, värisävy ruskea
 - Lujusluokka C30 (SFS-EN 338)

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, puufavasten (SFS-EN ISO 7094 / DIN 440)

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

Maininta tyyppipiirustussarjasta poistetaan ja suunnitelma varusteta 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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