

[illegible]

The technical drawing consists of two parts: a top view and a bottom view of a concrete slab reinforcement.

Top View:

- Overall dimensions: 270 mm by 180 mm.
- Reinforcement: M16 kl. 8.8 bars at the corners; 3#12 L=480 bars along the edges.
- Dimensions: 125 mm from each side edge to the center of the corner bars.
- Wall thickness: 10 mm.

Bottom View:

- Overall dimensions: 370 mm by 270 mm.
- Reinforcement: M16 kl. 8.8 bars at the corners; 3#12 L=480 bars along the edges.
- Dimensions: 125 mm from each side edge to the center of the corner bars.
- Wall thickness: 10 mm.

Legend:

- * - otwory z jednej strony dźwigara wykonac jako podłużne "fasolki", z możliwością "przesuwu".

ceownik z blachy gr.3mm
C200x100x3

linia pokrycia dach

kotwa wklejana M12
co400mm

+ 8,700

8,300

ceownik z blachy gr. 3mm
C100x100x3

linia pokrycia dachu

+ 8,400

kotwa wklejana M12
co 400mm

+ 8,000

Technical drawing of a window frame assembly. The drawing shows a cross-section of a window frame (IPE 240) installed in a wall. The frame has a height of 240 mm and a width of 60 mm. The frame is supported by a concrete base (podewka betonowa) with a minimum height of 6 cm. The frame is also supported by a concrete support (szerokość oparcia) with a width of approximately 150 mm. The wall is shown with diagonal hatching.

element gipsu

kotwa M12
wklejona chemicznie

90

90

180

75

Technical drawing of a door hinge assembly, showing side and top views with dimensions and labels.

Side View (Left):

- Labels:**
 - element gzymsu (lintel element)
 - M12 kl.5.6 (M12 class 5.6 bolt)
 - wklejona chemicznie (chemically glued)
 - bl.10x100 L=160 (10x100 mm plate, L=160 mm)
- Dimensions:**
 - 10, 35, 65, 50, 50, 50, 10, 50, 50, 75, 180

Top View (Right):

- Labels:**
 - element gzymsu (lintel element)
 - M12 kl.5.6 (M12 class 5.6 bolt)
 - wklejona chemicznie (chemically glued)
 - bl.10x100 L=160 (10x100 mm plate, L=160 mm)
 - bl.10x100 L=100 (10x100 mm plate, L=100 mm)
 - C180 (hinge)
- Dimensions:**
 - 160, 40, 80, 40, 10, 50, 50, 70, 70, 10, 10, 100, 100

Technical drawings of a C180 element gzymsu (curb) showing side and top views with dimensions and material specifications.

Side View (Left):

- Overall height: 180
- Top flange width: 75
- Top flange thickness: 50
- Vertical distance from top flange to first reinforcement: 50
- Vertical distance between reinforcement layers: 50
- Vertical distance from second reinforcement to bottom: 50
- Bottom width: 100
- Bottom reinforcement: $bl.10 \times 100$ L=160
- Reinforcement: M12 $kl.5.6$
- Material: C180 element gzymsu

Top View (Right):

- Overall width: 160
- Top flange width: 75
- Top flange thickness: 50
- Vertical distance from top flange to first reinforcement: 50
- Vertical distance between reinforcement layers: 50
- Vertical distance from second reinforcement to bottom: 50
- Bottom width: 100
- Bottom reinforcement: $bl.10 \times 100$ L=240
- Reinforcement: M12 $kl.5.6$
- Material: C180 element gzymsu

Technical drawing of a square plate with a central square hole, showing top and side views with dimensions and material specifications.

Top View:

- Overall dimensions: 300 x 300 mm.
- Central square hole dimensions: 140 x 140 mm.
- Material: RK 140x5.
- Surface treatment: bl.10x300 L=300.
- Dimensions from edges to hole corners: 40 mm (horizontal), 80 mm (vertical).
- Dimensions from hole corners to center: 140 mm (horizontal), 80 mm (vertical).
- Material specification: M16 kl.10.8.

Side View:

- Plate thickness: 10 mm.
- Material: RK 140x5.
- Surface treatment: bl.10x300 L=300.
- Dimensions from edges to hole corners: 40 mm (horizontal), 80 mm (vertical).
- Dimensions from hole corners to center: 140 mm (horizontal), 80 mm (vertical).
- Material specification: M16 kl.10.8.

[illegible]

The top view shows a square plate with overall dimensions of 200x200 mm. It features four M12 holes arranged in a square pattern. The distance between the centers of the holes is 80 mm horizontally and 60 mm vertically. The distance from each hole center to the nearest edge is 40 mm. The plate is made of RK 120x5 steel.

The bottom view shows the same plate with a central square hole of side length 80 mm. The plate is made of RK 80 steel. The thickness of the plate is 5 mm. The distance from the center of the square hole to the nearest corner is 40 mm. The plate is supported by four M12 bolts, which are spaced 10 mm apart at the corners. The plate is labeled with "bl.10x200 L=200".

1. Wymiary w [mm].
2. Na rysunku pokazano schematy wykonania detali konstrukcji stalowej zaprojektowanej w budynku. Na Wykonawcy spoczywa obowiązek wykonania dokumentacji warsztatowej zaprojektowanej konstrukcji, uwzględniającej wszystkie warunki lokalne zastane na placu budowy.

STAL PROFILOWA S235

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Skala rysunku: 1:10		Nr rysunku:	
projektant:	Nr upr.:	Data:	Podpis:
mgr inż. Paweł Olszewski <i>uprawnienia budowlane w spec. konstr.-bud. do projektowania i nadzoru</i>	MAZ/0542/ POOK/12	12.2018	