

Technical drawing of a roller support assembly (VERDEA 1-1) showing a side view and a detail view (DET. A).

**Side View Dimensions:**

- Roller diameter:  $\varnothing 508 \times 9$  (Tub protector)
- Base diameter:  $\varnothing 219 \times 8$  (Consola)
- Base width: 150
- Roller width: 292
- Roller height: 150

**Detail View (DET. A) Dimensions:**

- Roller profile dimensions: 15, 90, 15, 140, 5

**Labels:**

- P1, P2, P3, P4, P5, P6, P7, P8, P9, P10, P11, P12

Technical drawing of a rectangular plate with dimensions and features. The drawing includes a top view and a side view. The top view shows a rectangular plate with overall dimensions of 650 mm by 500 mm. The plate has four circular holes, each with a diameter of  $\phi 38$  mm, located at the corners. The distance between the centers of the holes is 292 mm horizontally and 171 mm vertically. The plate has a thickness of 8 mm. The side view shows the plate's profile with a total height of 500 mm. The plate has a central rectangular cutout with a width of 250 mm and a height of 125 mm. The cutout is centered horizontally and vertically. The plate has a thickness of 8 mm. The drawing includes a scale of 1:10 and a title 'sc.1:10'.

Technical drawing of a metal pile connection detail. The drawing shows a cross-section of a metal pile (Pila metalica) with a diameter of 219x8, connected to a console (Consola) with a diameter of 219x8. The connection is secured with bolts (P1, P2, P3, P4, P5, P6, P7, P8, P9, P10, P11, P12) and a tub protector (Tub protector) with a diameter of 508x9. Dimensions include a total height of 140, a distance of 90 from the top of the console to the center of the pile, and a distance of 112 between the centers of the two main bolts. A scale of 1:2 is indicated.

[illegible]

- Planuri de referinta:TC0395,TC0396,TC0397
- Conform Ordinului nr.1.822/394/2004,clasa de performanta privind reactia la foc este A1,iar clasa de rezistenta la foc a structurii va fi minim REI 30.
- Conform STAS 767/0.1988,categoria de executie a elementelor metalice este B.
- Conform C150–1999,nivelul de acceptare a imbinarilor sudate va fi D.
- Conform STAS 10108/0–78,pentru sudurile in relief grosimea cordonului de sudura "a" nu va fi mai mare decat 0,7 t,unde t este grosimea elementului cel mai subtire care se sudeaza.
- Se vor folosi oteluri cu limita de curgere maxima  $f_{y,max} = 323\text{N/mm}^2$  (pentru OL37).
- Protectia anticoroziva se va executa conform Caietului de Sarcini aferent proiectului.

- C83–1975 Instrumator privind executarea trasarii de detaliu in constructii.
- P 100–1/2006 Cod de proiectare seismica–Partea 1–prevederi de proiectare pentru cladiri.
- STAS 10108/0–78 Calculul elementelor din otel.
- C 150–99 Normativ pentru calitatea imbinarilor sudate din otel ale constructiilor civile, industriale si agricole.
- C 16–1984 Normativ pentru realizarea pe timp friguros a lucrarilor de constructii si a instalatiilor aferente.
- C 56–85 Normativ pentru verificarea calitatii si receptia lucrarilor de constructii.

- Produse laminate la cald din oțeluri de construcție nealiat conform SR EN 10025+A1 din OL37(S235).
- Clasele de calitate ale oțelului vor fi cf.SR EN 1993-1-10:2006/NA:2008.
- Imbinari cu suruburi de înalta rezistență grupele 8.8 sau 10.9.

297x420	A3
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