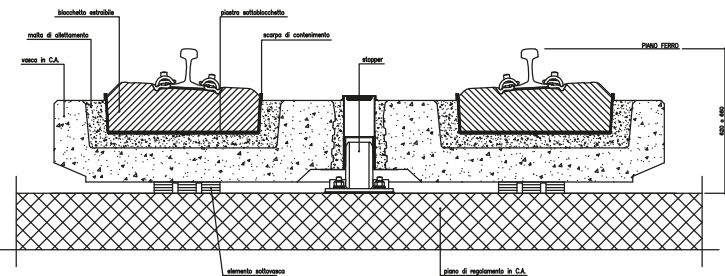
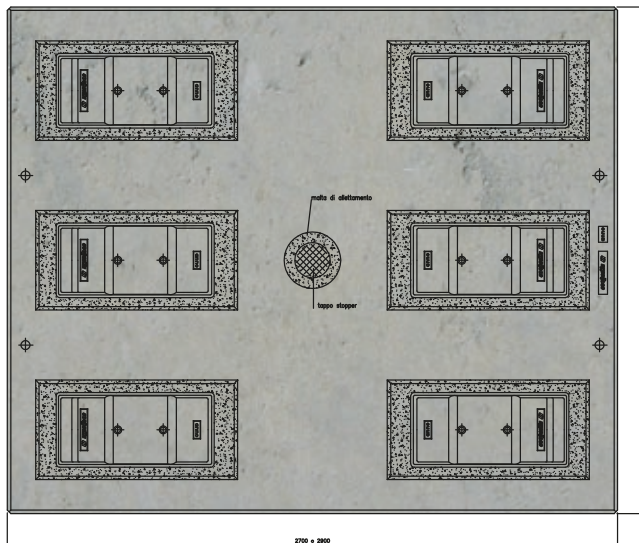


# SISTEMA MASSIVO



SISTEMA MASSIVO PER ARMAMENTO SENZA MASSICCIA A MASSA FLOTTANTE PER LINEE FERROVIARIE E METROPOLITANE  
 MASSIVE SYSTEM FOR BALLASTLESS SUPERSTRUCTURE WITH FLOATING MASS FOR RAILWAY AND SUBWAY LINES



- Carico per asse:
  - linee ferroviarie: 225 kN
  - linee metropolitane: 120÷135 kN
- Blocchetto in c.a.:
  - linee ferroviarie: 660x290x188 mm
  - linee metropolitane: 660x290x166 mm
- Sottoblocchetto: elastomero vibro isolante
- Scarpa in gomma
- Malta di allettamento: malta di cemento espansivo gettata in opera tra scarpa e vasca
- Vasca flottante in c.a.:
  - linee ferroviarie: 2900x1790x380 mm
  - linee metropolitane: 2700x2240x360 mm
- Elemento sottovasca: gomma vulcanizzata
- Massa complessiva:
  - linee ferroviarie: 2900 kg per metro di binario
  - linee metropolitane: 2600 kg per metro di binario
- Axle load:
  - railway lines: 225 kN
  - subway lines: 120÷135 kN
- Reinforced concrete block:
  - railway lines: 660x290x188 mm
  - subway lines: 660x290x166 mm
- Under block: vibration insulating elastomer
- Rubber boot
- Mortar: expansive cement mortar cast in place between the boot and floating bath
- Reinforced concrete floating bath:
  - railway lines: 2900x1790x380 mm
  - subway lines: 2700x2240x360 mm
- Under bath element: vulcanized rubber
- Total mass:
  - railway lines: 2900 kg per meter of track
  - subway lines: 2600 kg per meter of track