



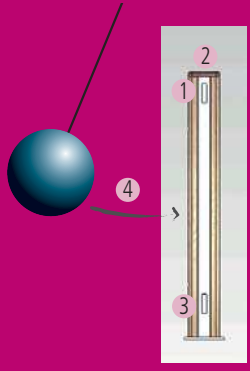
Pedestrian parapet T100

Safe and aesthetic

The mixed wood and steel solution

Tested according to French standard NF P01-013, meeting norm XP P98- 405 safety requirements.

- Standard version suitable for most radius of curvature & gradient configurations
- End treatment solutions available
- "Quick'n Easy" installation process



TESTED ACCORDING TO FRENCH STANDARDS
XP P98- 405 & NF P01- 013

Static loads
pedestrian parapet on bridges

1 uniform , normal & horizontal
Tested $q1 = 2740$ N per M
(XP98-405 : max 2500 N per M)

2 $q2$ uniform & vertical
Tested $q2 = 1000$ N per M
(XP98-405 : 100 N per M)

3 $q3$ focused on any non vertical parapet component
tested $q3 = 1000$ N per M
(XP98-05 : 1000 N per M)

Dynamic loads

4 Tested with
50 Kg bag /alpha < 65°
0,5 Kg marble : L > 1.75 h

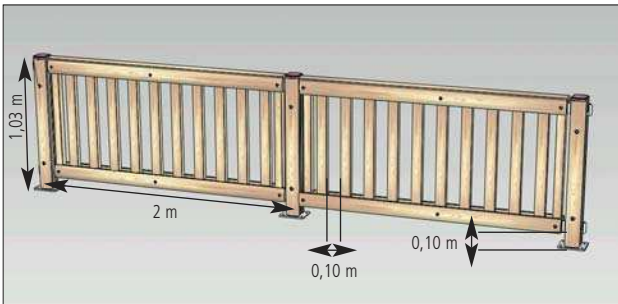
Test report available upon request

ACCEPTABLE PAVEMENT
WIDTH = 4.40 M AND MORE



Pedestrian parapet T100

Technical description

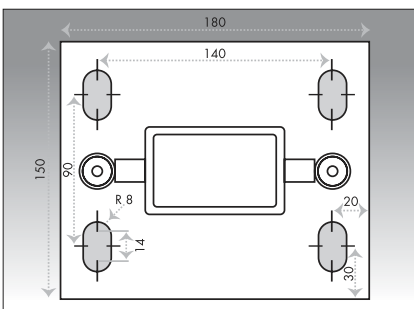


Galvanized steel post on steel base with wooden cladding
 Wooden panel with barrels
 Panel connected to barrels and post with galvanized steel parts
 "Panel to post" locking system

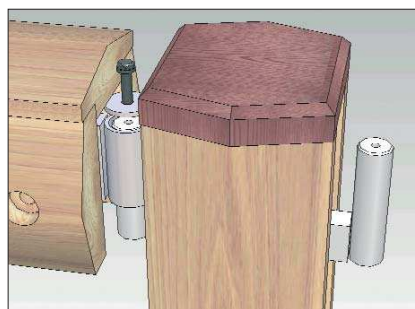
0.10 m ground clearance
 2.00 m post spacing
 0.10 m barrel spacing
 height 1.03 m

ACCEPTABLE PAVEMENT
 WIDTH = 4.40 M AND MORE

Steel base details

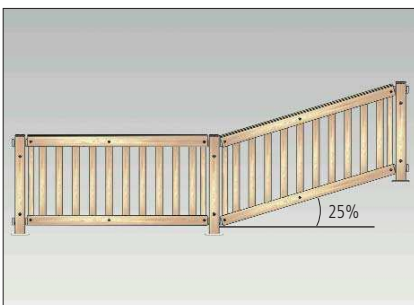
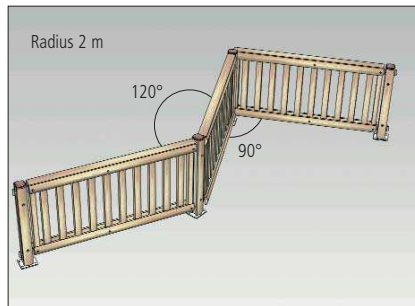
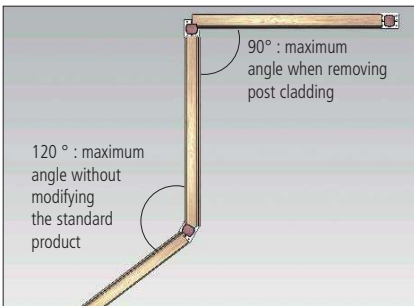


Post Steel base



Barrel panels to posts locking system

Angles



25% maximum gradient without modifying the standard product



Important recommendations for installation

When testing the system, each post has been anchored with four 12-120 studs on concrete base, resistant at a 25 Mpa loading.

These specifications have to be considered as the lowest possible for installing the system properly.

Wood species and preservative

Pressure treated Douglas fir with arsenic and chromium free preservatives corresponding to Class 3 as defined per EN standard 335.

Pressure-treated wood with arsenic and arsenic free preservatives

