



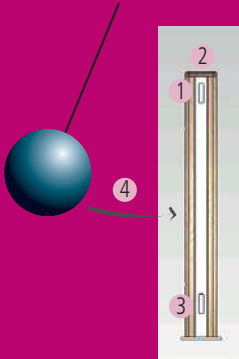
## Pedestrian parapet T100

# 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  $q1 = 2740 \text{ N per M}$   
 (XP98-405 : max 2500 N per M)

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

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

**Dynamic loads**

4 Tested with  
 50 Kg bag /  $\alpha < 65^\circ$   
 0,5 Kg marble :  $L > 1.75 \text{ h}$

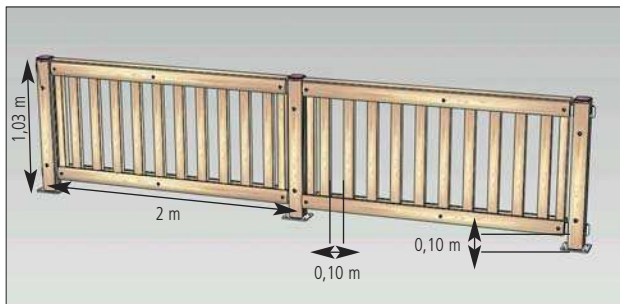
Test report available upon request

ACCEPTABLE PAVEMENT  
 WIDTH = 4.40 M AND MORE



# Pedestrian parapet T100

## Technical description

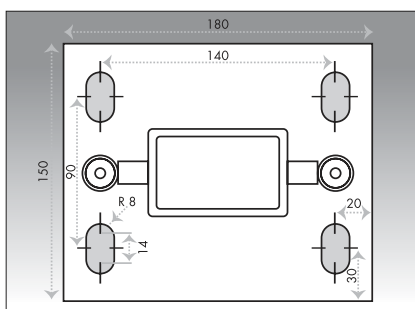


Galvanized steel post on steel base  
with wooden cladding  
Wooden panel with barrels  
Panel connected to barrels and  
post with galvanized steel parts  
"Panel to post" locking system

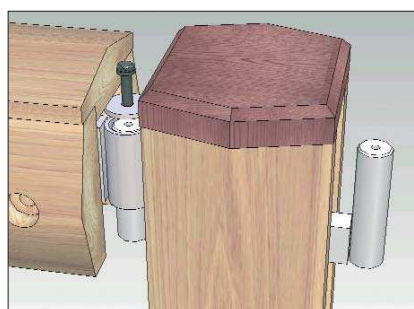
0.10 m ground clearance  
2.00 m post spacing  
0.10 m barrel spacing  
height 1.03 m

ACCEPTABLE PAVEMENT  
WIDTH = 4.40 M AND MORE

## Steel base details

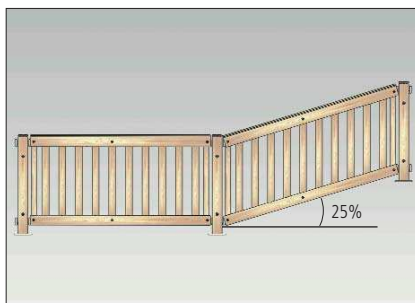
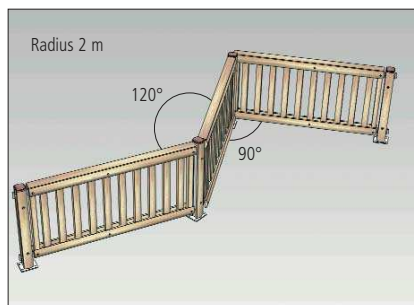
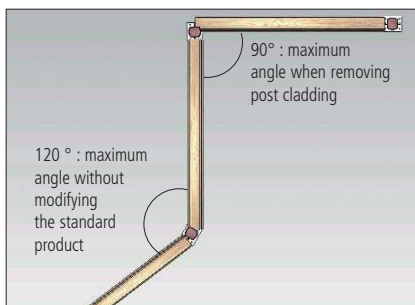


Post Steel base



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

