

# Steel backed timber guardrail **T40**

ROAD SAFETY



**T40**



- ▶ Containment level : L2 (H2 + N2)  
N2 W3 - light vehicles  
H2 W4 - heavy vehicles
- ▶ ASI B

EN 1317

CE

 **tertut**  
EQUIPEMENTS

# Steel backed timber guardrail T40

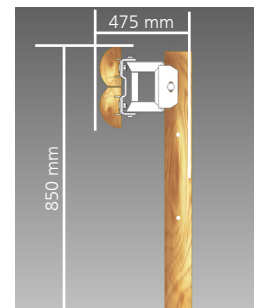
## ► Testing conditions

Containment level	Crash test criteria				Kinetic energy	Recommended level of use
	Test	Speed of impact	Angle of impact	Total weight of vehicle		
H2	TB 51	70 km/h	20°	13 000 kg	287,6 kj	High containment
N2	TB 32	110 km/h	20°	1 500 kg	81,9 kj	Normal containment
N2	TB 11	100 km/h	20°	900 kg	40,6 kj	

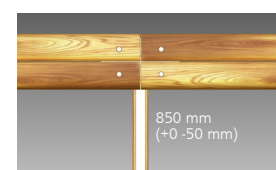
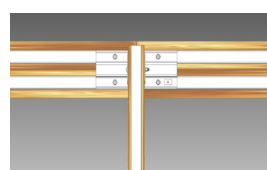
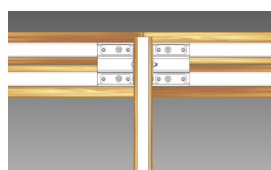
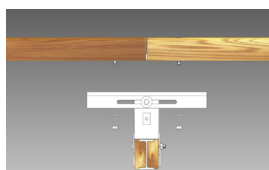
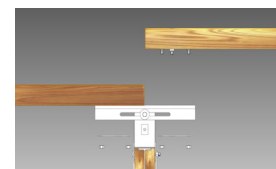
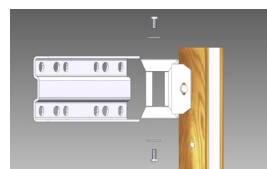
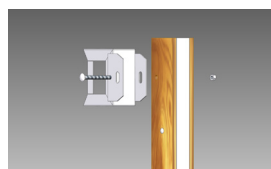
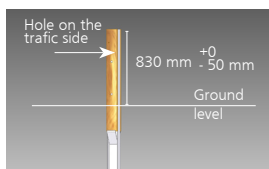
Model	Working Width (W)	Dynamic Deflexion (Dm)	Severity Class (AS1)	Vehicle Intrusion (Vin)	Minimal length recommended (m)
T40 4ms2	W3 (1.0 m) - N2 W4 (1.2 m) - H2	0.50 m - N2 0.80 m - H2	B ( $\leq 1.4$ )	Vi3 = 1.00 m	92 m

## ► Technical information

- Rails built with 2 half round logs, diameter 22 cm, 4 m or 2 m long, backed with a steel U profile inserted in the wooden rails
- IPE 140 steel posts, length 2 m, with 2 premounted wooden cladding
- Pressure-treated wood with arsenic-free preservatives



## ► Assembly



## ► Certificate

- All our guardrails have been tested in accordance with the requirements of standards EN 1317 1-2-5
- T40 4ms2 : CE n° 1826 CPR 09 02 06 DR1
- Notified body : **ASCQUER**

