

# Barriere per bordo ponte

Guardrails for bridge



# steel safety on roadways

Require Marcegaglia Buildtech full range of steel road safety barriers: from the **steel partner**, steel safety on roadways.

Marcegaglia Buildtech safety barriers solutions are part of Marcegaglia steel production chain and are engineered, assembled then **tested** in order to comply with specific **norm requirements**.

## Certificazioni

*Certifications - Zertifizierungen - Certifications - Certificaciones*

- **RINA ISO 9001:2008** certificato N. 12370/05/S
- **IQNet - CISQ/RINA** Quality Management System  
**ISO 9001:2008** Registration N. IT-42009
- **Certificati CE** di costanza della prestazione

## Crash tests

*Crash tests - Crash-Tests - Essais de chocs - Crash tests*



## Classe H2 Bordo Ponte - Barriera 3 onde per manufatto W4

Class H2 Bridge side - 3-waves guardrail for bridge W4

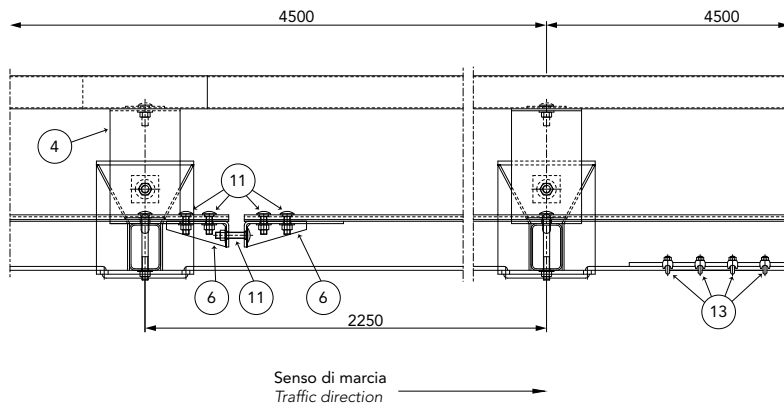
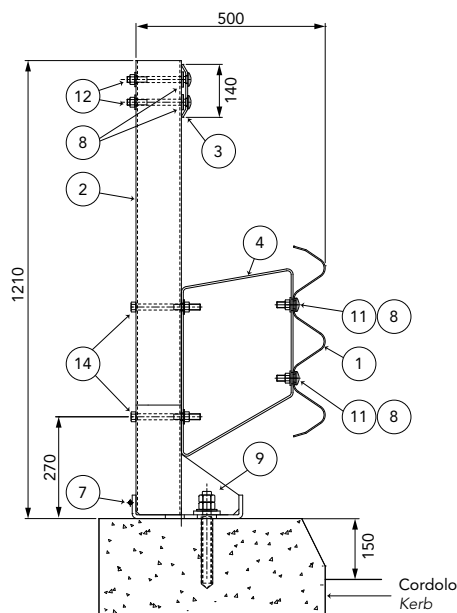
Aufhaltestufe H2 für Kunstbauten - 3-welliges Rückhaltesystem W4

Classe H2 Bord pont - Glissière 3 crosses simple pour pont W4

Clase H2 Borde de puente - Barrera de triple onda simple para base puente W4

# H2-W4

## 3-waves



### Caratteristiche Characteristics, Eigenschaften, Caractéristiques, Características

<b>Altezza barriera</b> Barrier height, Höhe Leitplanke, Hauteur glissière de sécurité, Altura barrera	1210 mm
<b>Profondità d'infissione tirafondi</b> Depth of anchor bolts penetration, Einschraubtiefe der Verankerungen, Prondeur de vissage des ancrages, Profundidad de anclaje varilla roscada	-
<b>Ingombro trasversale</b> Overall width, Gesamtbreite, Grosseur hors tout, Anchura total	500 mm
<b>Interasse pali</b> Post spacing, Steherabstand, Distance entre poteaux, Distancia entre postes	2250 mm

### Rapporti di prova Crash test reports, Testberichte, Comptes rendus d'essais, Relaciones de pruebas

Test n.	Facility	Test	Type	Barrier length m	Mass kg	Speed km/h	ASI max 1.4	THIV max 33 km/h	D m	Vi m	W m
X91.04.L03	TÜV	TB51	Laterale 20°	78,75	13.000	70	-	-	1	1,2	1,3=W4
X91.01.K07	TÜV	TB11	Laterale 20°	78,75	900	100	0,9=A	25	0,4	-	0,7=W2

**Sales office:**
**MARCEGAGLIA guardrail division**

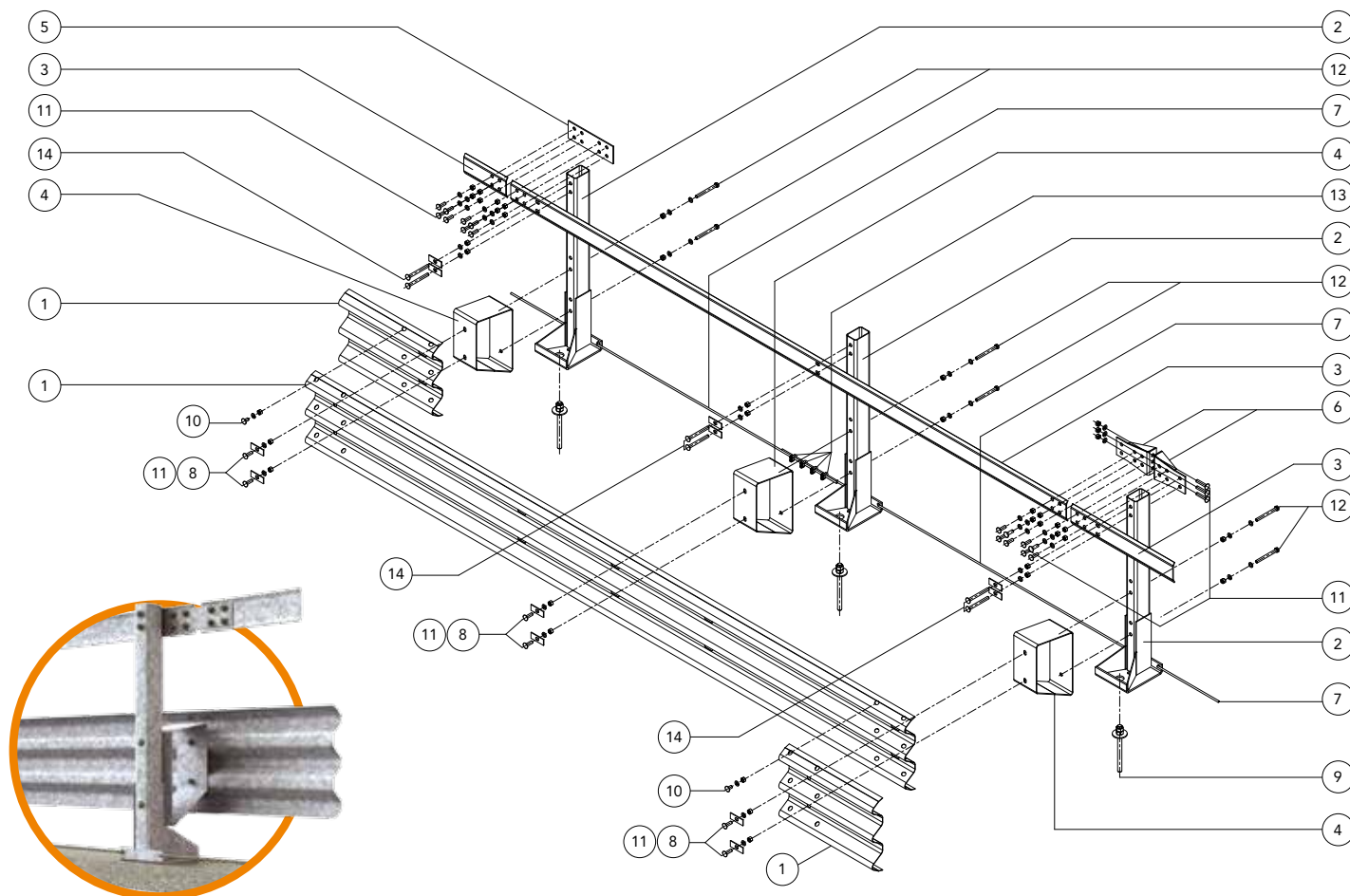
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**Componenti Components, Bauteile, Composants, Elementos**

	Descrizione Description		Materiale Material	Codice Code
13	<b>Morsetto per fune</b> Cable clamp, Schraubklemme für Stahlseil, Serre-câble, Grapa para cable	Ø12 mm		<b>59600645</b>
14		M16x160 mm	Classe 8.8	<b>63800417</b>
12	<b>Bullone completo</b> Bolt with nut and washer, Schraube komplett,	M16x170 mm	Classe 8.8	<b>63800048</b>
11	Boulon complet, Tornillo completo con tuerca y arandela	M16x50 mm	Classe 8.8	<b>63800014</b>
10		M16x30 mm	Classe 8.8	<b>63800012</b>
9	<b>Tirafondo + dadi + 1 rondella</b> Anchor bolt + nuts + 1 washer, Verbundklebeankerschraube + Mütter + 1 Unterlegscheibe, Tire-fond + écrous + 1 rondelle, Varilla Roscada + tuercas + 1 arandela	M24x315 mm	Classe 8.8	<b>63800078</b>
8	<b>Piastrina copriasola</b> Slot covering plate, Lochabdeckplatte, Plaque de couverture fente, Placa cubre-ranura	100x40x4 mm	S 275 JR	<b>59600127</b>
7	<b>Fune</b> Wire rope, Seil, Câble, Cable	Ø12 L=6000 mm		<b>59600641</b>
6	<b>Elemento di trazione</b> Traction element, Zugelement, Élément de traction, Elemento de tracción	Th=6 mm	S 235 JR	<b>59601535</b>
5	<b>Piatto di collegamento</b> Connection plate, Anschlussplatte, Plaque de connexion, Platina de unión	120x360 Th=6 mm	S 235 JR	<b>59601533</b>
4	<b>Distanziatore romboidale</b> Rhomboidal spacer, Rhomboidisch. Abstandhalter, Entretoise en losange, Separador romboidal	Th=5 mm	S 235 JR	<b>59601255</b>
3	<b>Bandella superiore</b> Upper shaped plate, Oberer Bandstahl, Barre supérieure, Banda superior	140x4460x5 mm	S 355 JR	<b>59601531</b>
2	<b>Palo in tubo con piastra</b> Rectangular tube post with base plate, Vierkantrohrsteher mit Grundplatte, Poteau tubulaire avec plaque, Poste de tubo con placa	120x80 Th=4 H=1200 mm	S 235 JR	<b>59601542</b>
1	<b>Fascia 3 onde</b> 3-waves beam, 3-wellige Leitschiene, Glissière 3 crosses, Banda triple onda	L=4816 (2250x2) Th=2,5 mm	S 235 JR	<b>59300177</b>