

# Barriere per bordo laterale su rilevato

Single sided guardrails



**MARCEGAGLIA**  
BUILDTECH

# 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 H4 Bordo Laterale - Barriera 3 onde singola su rilevato W5

Class H4 Roadside - 3-waves single sided guardrail W5

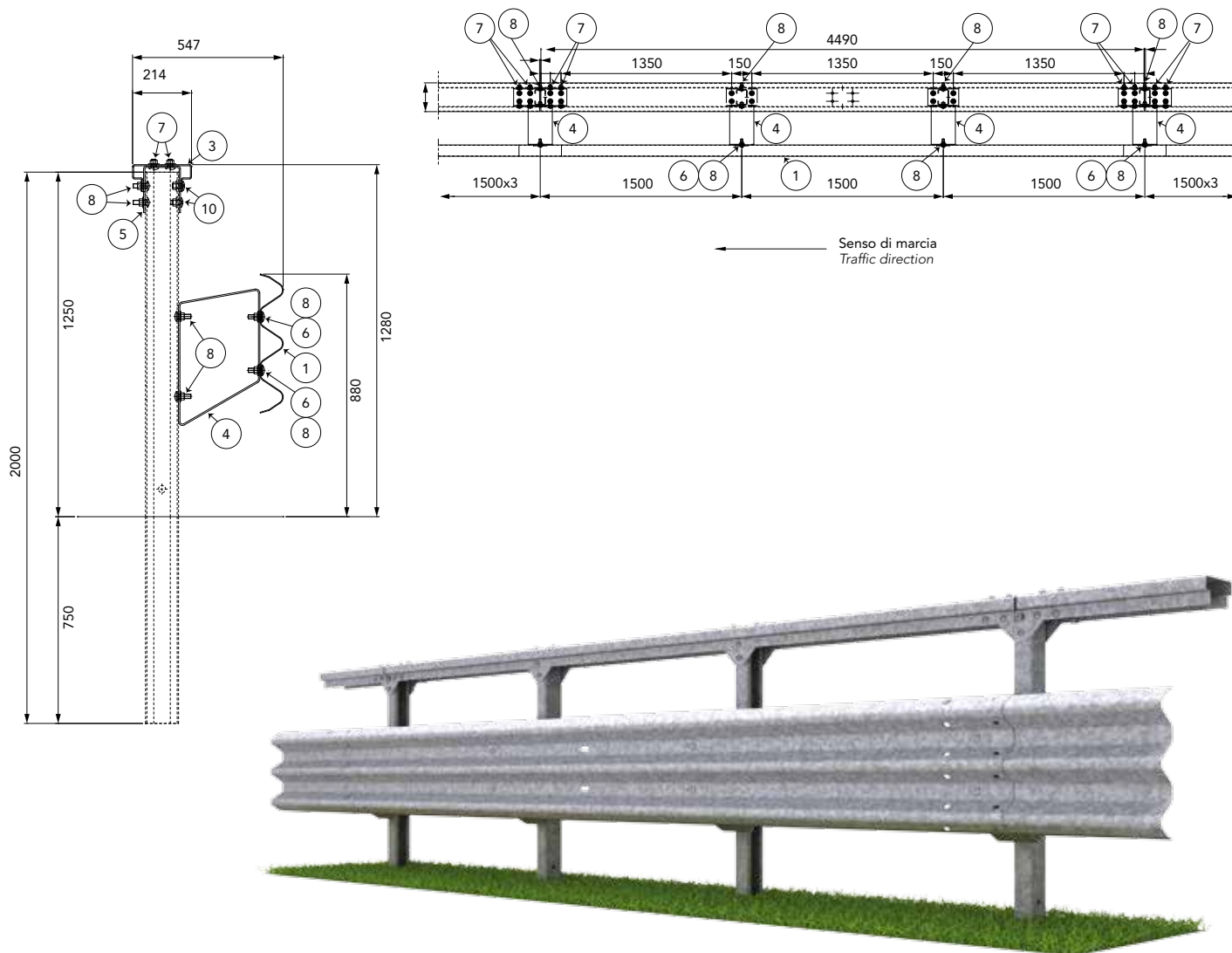
Aufhaltestufe H4 für rammfähige Böden - 3-welliges Rückhaltesystem W5

Classe H4 Bord latéral - Glissière 3 crosses simple sur remblai W5

Clase H4 Borde lateral - Barrera de triple onda simple sobre base terreno W5

# H4-W5

## 3-waves



### Caratteristiche Characteristics, Eigenschaften, Caractéristiques, Características

<b>Altezza fuori terra</b> Height above ground level, Höhe über Grundboden, Hauteur hors sol, Altura sobre el suelo	1280 ± 50 mm
<b>Profondità d'infissione</b> Depth of penetration, Rammtiefe, Profondeur de piling du poteau, Longitud hincada	750 ± 50 mm
<b>Ingombro trasversale</b> Overall width, Gesamtbreite, Grosseur hors tout, Anchura total	547 mm
<b>Interasse pali</b> Post spacing, Steherabstand, Distance entre poteaux, Distancia entre postes	1500 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
PROVA 1027_rev.3	Aisico	TB81	Laterale 20°	81	38.000	65	-	-	1,4	2,1	1,7=W5
PROVA 1007_rev.1	Aisico	TB11	Laterale 20°	81	900	100	1=A	23	0,4	-	0,6=W1

Sales office:

**MARCEGAGLIA guardrail division**

strada Roveri, 4  
15068 Pozzolo Formigaro, Alessandria - Italy  
phone +39 . 0143 77 61 • fax +39 . 0143 77 63 53

guardrail@marcegaglia.com

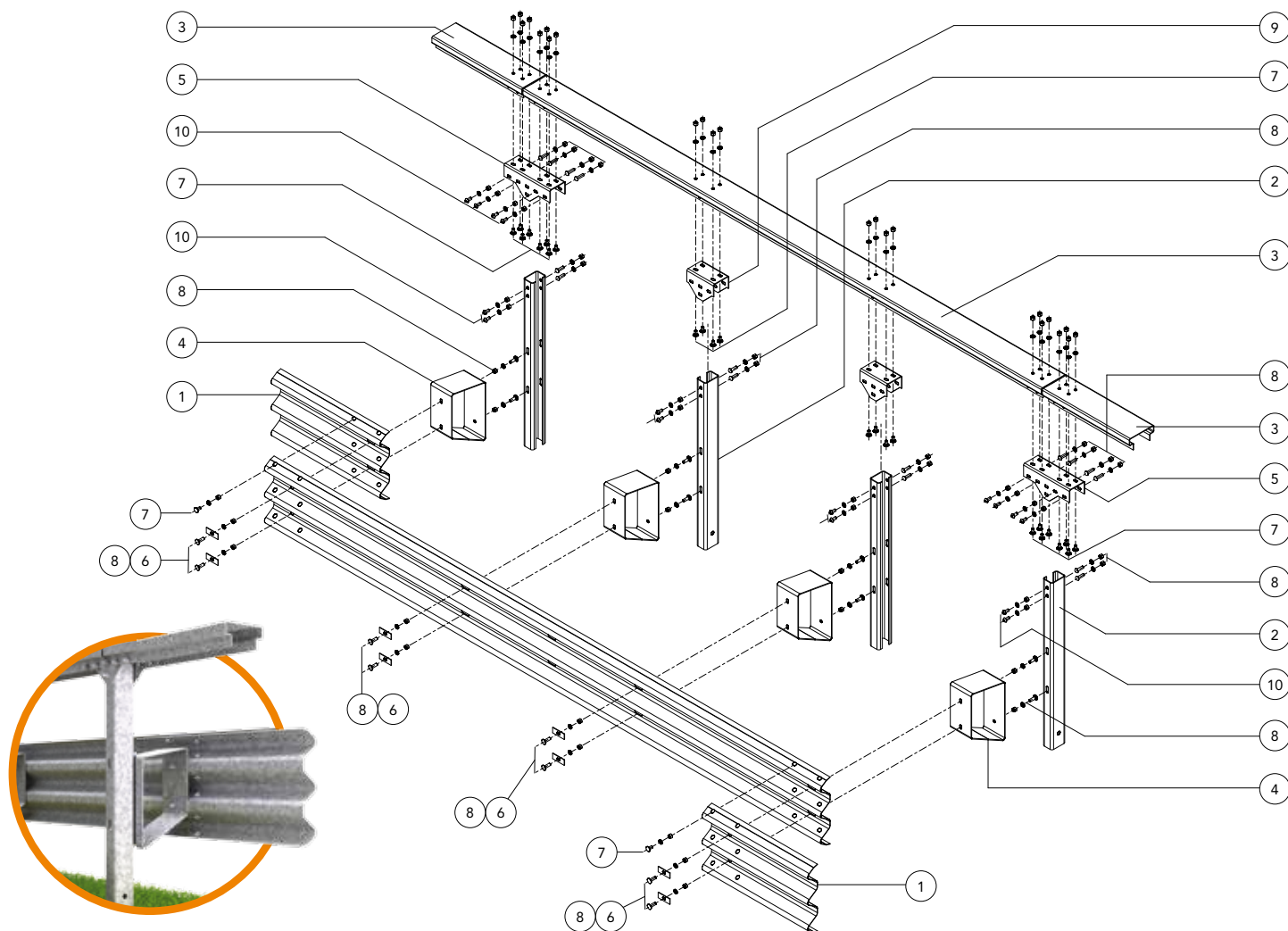
www.marcegaglia.com

Plants:

**MARCEGAGLIA Pozzolo Formigaro**

strada Roveri, 4  
15068 Pozzolo Formigaro, Alessandria - Italy  
phone +39 . 0143 77 61 • fax +39 . 0143 77 63 53

studiochiesa • march 2016



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

	Descrizione Description		Materiale Material	Codice Code
10	<b>Bullone completo</b> Bolt with nut and washer, Schraube komplett, Boulon complet, Tornillo completo con tuerca y arandela	M16x35 mm	Classe 8.8	<b>63800059</b>
8		M16x50 mm	Classe 8.8	<b>63800014</b>
7		M16x30 mm	Classe 8.8	<b>63800012</b>
9	<b>Collegamento trave superiore intermedio</b> Intermediate top beam connection, Verbindung oberer Zwischenträger, Raccord lisse supérieure intermédiaire, Unión viga superior intermedia	134X169 L=230	S 355 JR	<b>59603906</b>
6	<b>Piastrina copriasola</b> Slot covering plate, Lochabdeckplatte, Plaque de couverture fente, Placa cubre-ranura	100x40 Th=4 mm	S 275 JR	<b>59600127</b>
5	<b>Collegamento trave superiore</b> Top beam connection, Verbindung oberer Träger Raccord lisse supérieure, Unión viga superior	134x169 L= 396	S 355 JR	<b>59603903</b>
4	<b>Distanziatore romboidale</b> Rhomboidal spacer, Rhomboidisch. Abstandhalter, Entretoise en losange, Separador romboidal	Th=5	S 235 JR	<b>59601255</b>
3	<b>Trave superiore</b> Upper T-beam, Geländerträger, Poutre supérieure, Viga superior	L=4490 mm	S 355 JR	<b>59603133</b>
2	<b>Palo "C"</b> C-post, C-Steher, Poteau en C, Poste "C"	120x80x30 Th=5 L=2000	S 235 JR	<b>59400916</b>
1	<b>Fascia 3 onde</b> (in alternativa) 3-waves beam (as alternative), 3-wellige Leitschiene (als Alternative), Glissière 3 crosses (en alternative), Banda triple onda (como alternativa)	L=4816 (2250x2) Th=2,5 mm	S 235 JR	<b>59300523</b>



388/2131/CPR/2013\_rev.1