

Componenti speciali

Special components



MARCEGAGLIA
BUILDTECH

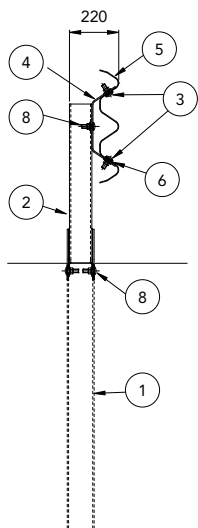
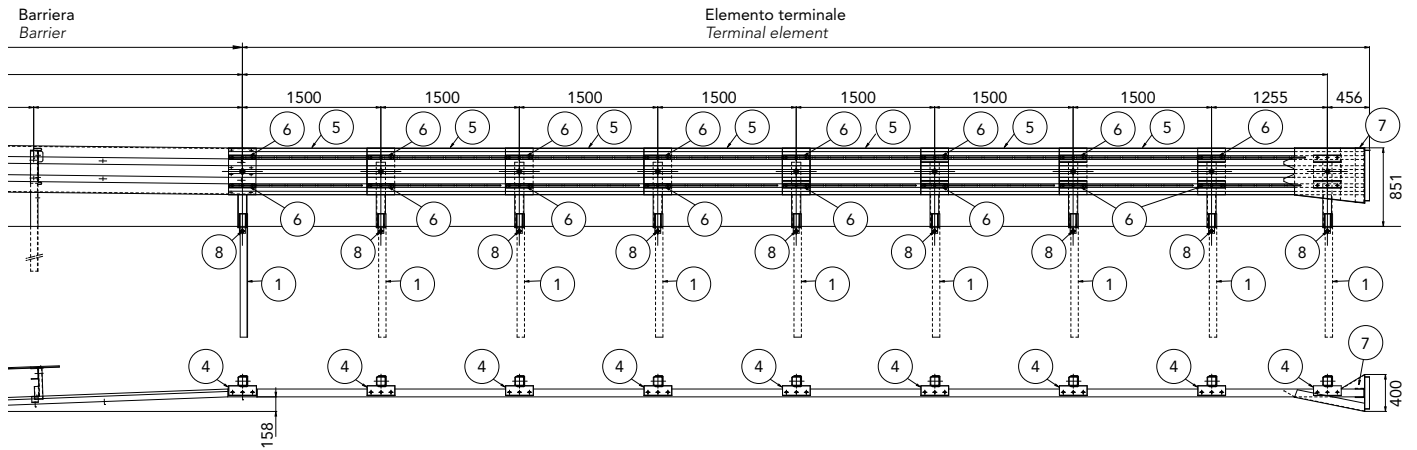
Terminale per barriera P4

Terminal for safety barriers P4

Endkonstruktionen von Schutzeinrichtungen P4

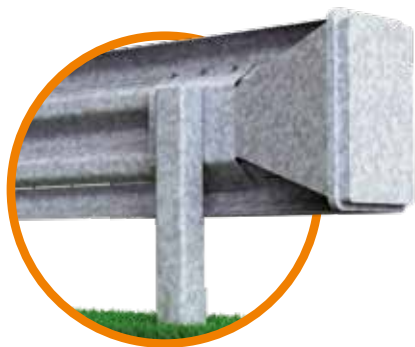
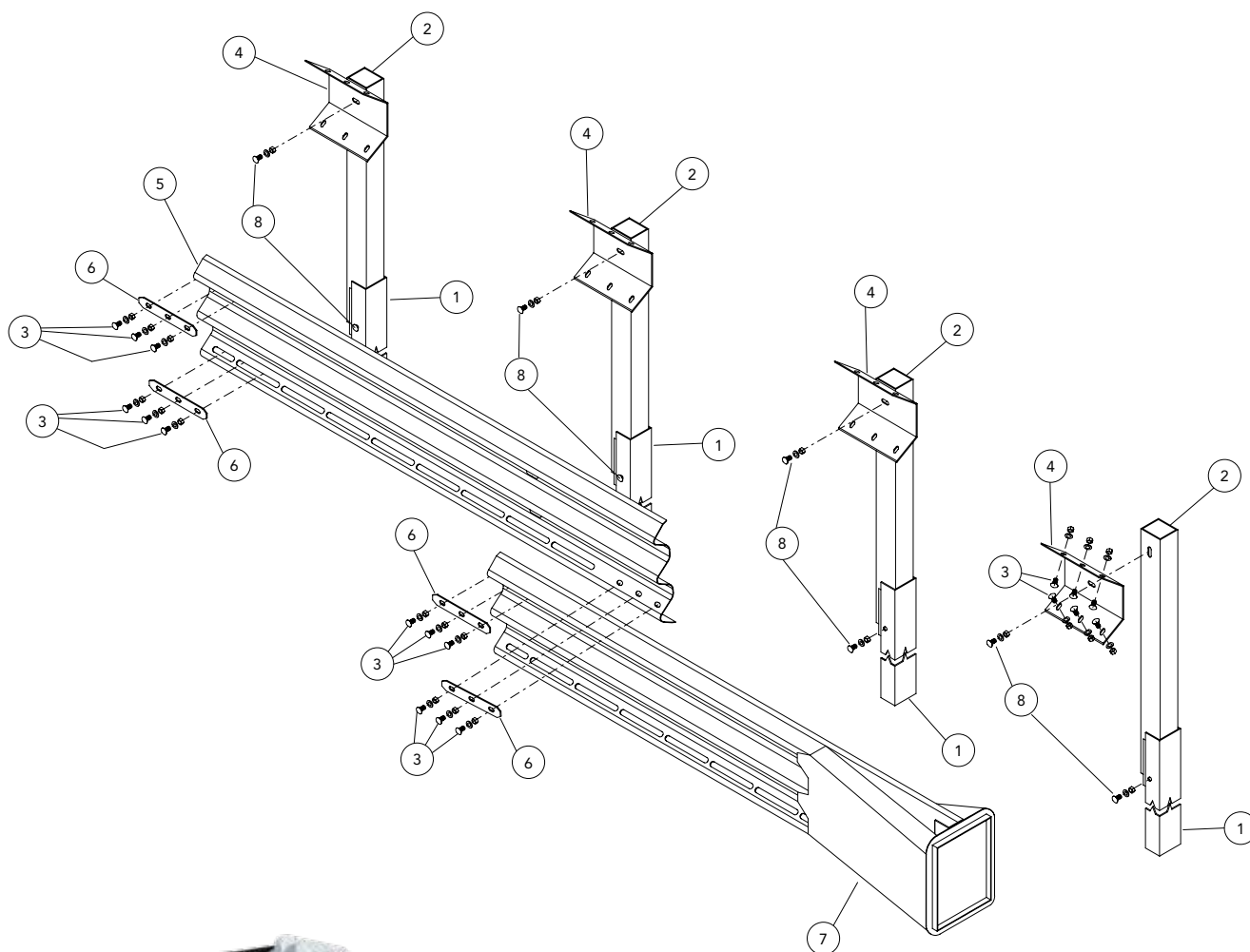
Extrémité de glissières de sécurité P4

Terminal de barrera P4



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

Test n.	Facility	Test	Type	Mass kg	Speed km/h	ASI max 1.4	PHD max 20g	THIV	D m	Z m	W m
MCG/EXT-006/1154	LIER	TT 1.3.110	Frontale 0°	1.500	110	0,9=A	12	32	1,1	Z1	0,6=W1
MCG/EXT-007/1285	LIER	TT 2.1.100	Disassata	900	100	1,2=B	19	39	1	Z1	1,4=W5
MCG/EXT-003/1122	LIER	TT 4.3.110	Laterale 15°	1.500	110	0,9=A	12	32	1,2	Z1	1,7=W5
MCG/EXT-004/1123	LIER	TT 5.1.100	Contronatura 165°	900	100	0,9=A	8	26	1,1	Z1	1,2=W4



Componenti Components, Bauteile, Composants, Elementos

	Descrizione Description		Materiale Material
8	Bullone completo Bolt with nut and washer, Schraube komplett, Boulon complet, Tornillo completo con tuerca y arandela	M16x50 mm	Clase 8.8
7	Elemento terminale Terminal element, Abschlusselement, Extrémité, Elemento terminal		S 275 JR
6	Piastrina irrigidimento Stiffening plate, Versteifungsplatte, Plaque de renfort, Placa de arriostrado		S 275 JR
5	Fascia 3 onde 3-waves beam, 3-wellige Leitschiene, Glissière 3 crosses, Banda triple onda	L=1800 Th=3 mm	S 275 JR
4	Distanziatore Spacer, Abstandhalter, Entretoise, Separador	Th=5 mm	S 275 JR
3	Bullone completo Bolt with nut and washer, Schraube komplett, Boulon complet, Tornillo completo con tuerca y arandela	M16x50 mm	Clase 8.8
2	Tubo quadro Square tube, Vierkantrohr, Tube carré, Tubo cuadrado	100x100 Th=6 H=709 mm	S 275 JR
1	Palo "U" U-post, U-Steher, Poteau en U, Poste "U"	120x80 Th=6 H=1336 mm	S 275 JR

Barriera per motociclista - Livello I

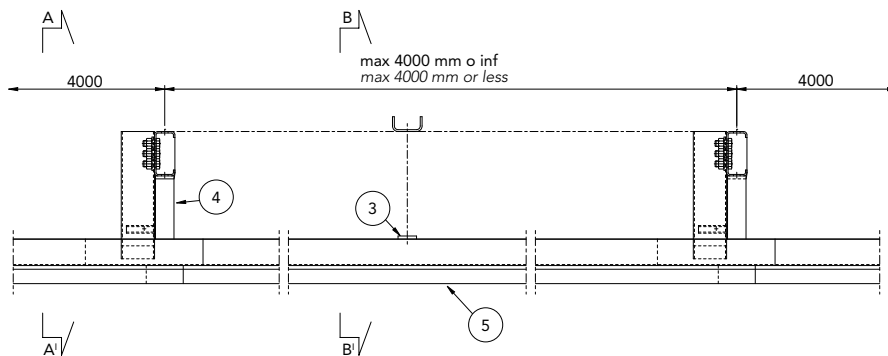
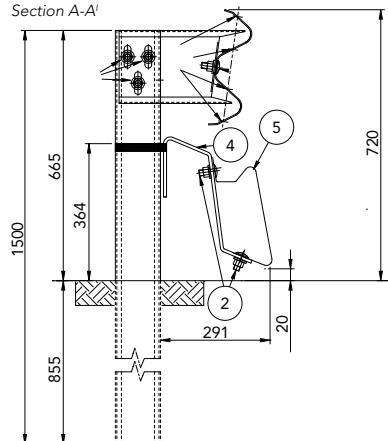
Safety barriers for motorcyclists - Level I

Rückhaltesysteme für Motorradfahrer - Level I

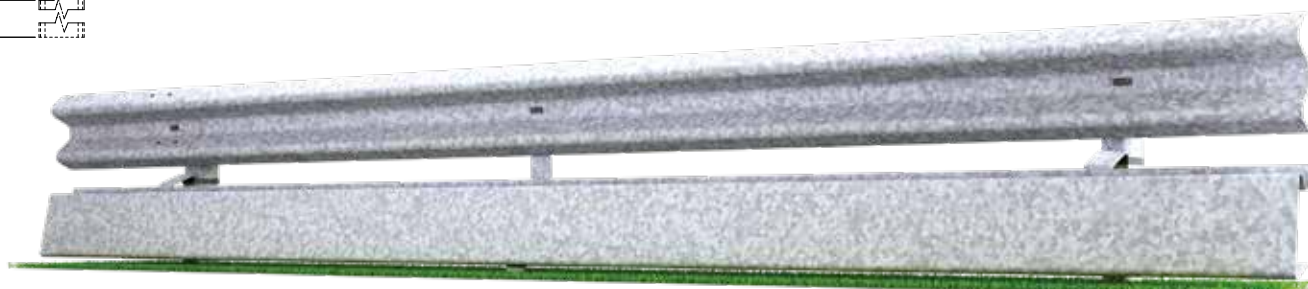
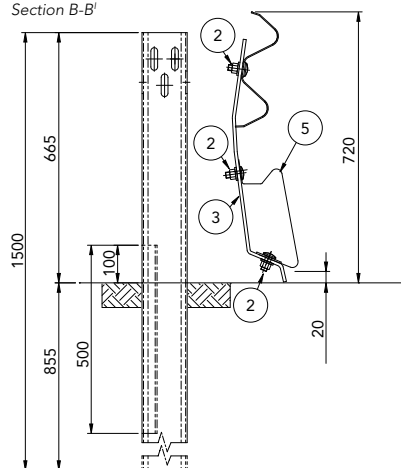
Glissières de sécurité pour motocyclistes - Niveau I

Barrera para protección de motociclistas - Nivel I

Sezione A-A'
Section A-A'

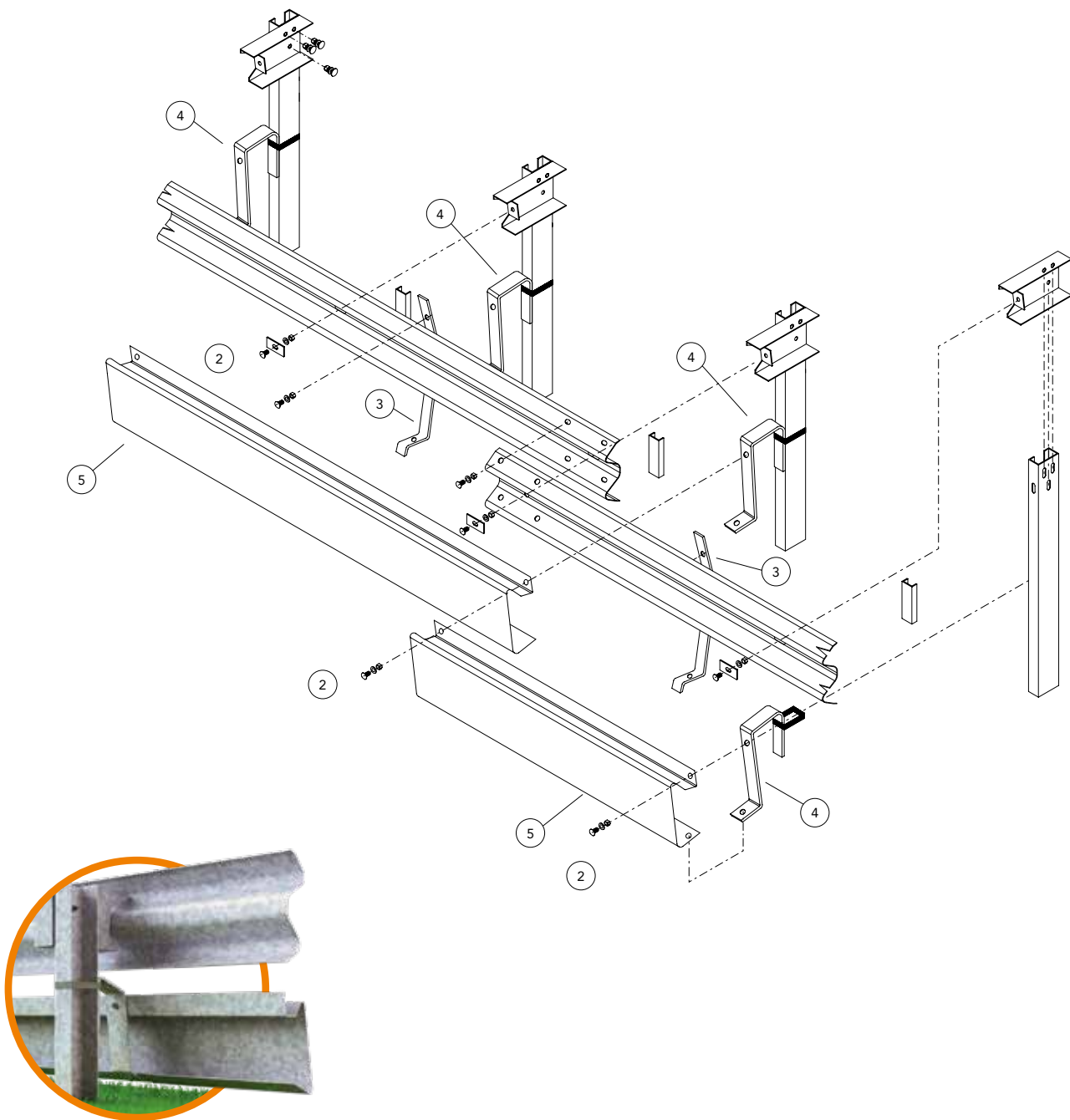


Sezione B-B'
Section B-B'



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	HIC 36	FxN	Fz Traz N	Fz Com-pr. N	Mcox Nm	Mcoy Flex Nm	Mcoy Estens. Nm
PROVA M028	Aisico	TM 3.60	Mezzeria 30°	16	80	60	298.84	528.77	1515.14	2589.73	27.26	28.14	43.54
PROVA M022	Aisico	TM 1.60	Palo 30°	16	80	60	169.11	337.34	1204.87	2654.33	73.79	20.61	42.27



Componenti Components, Bauteile, Composants, Elementos			
	Descrizione Description		Materiale Material
2	Bullone completo Bolt with nut and washer, Schraube komplett, Boulon complet, Tornillo completo con tuerca y arandela	M16x40 mm C=60 nm	Classe 5.8
3	Staffa sostegno profilo tipo B Support for A-type profile, Haltebügel für Profil Typ B, Étrier support profil type B, Soporte perfil tipo B		S 235 JR
4	Staffa sostegno profilo tipo A Support for A-type profile, Haltebügel für Profil Typ A, Étrier support profil type A, Soporte perfil tipo A		S 235 JR
5	Profilo contenimento motociclista Motorcyclist containment profile, Motorradfahrer-Unterfahrerschutz, Profil de retenue motocycliste, Perfil retención motociclista	Modulo L = 4000 mm	S 235 JR
		Modulo L = 4500 mm	

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

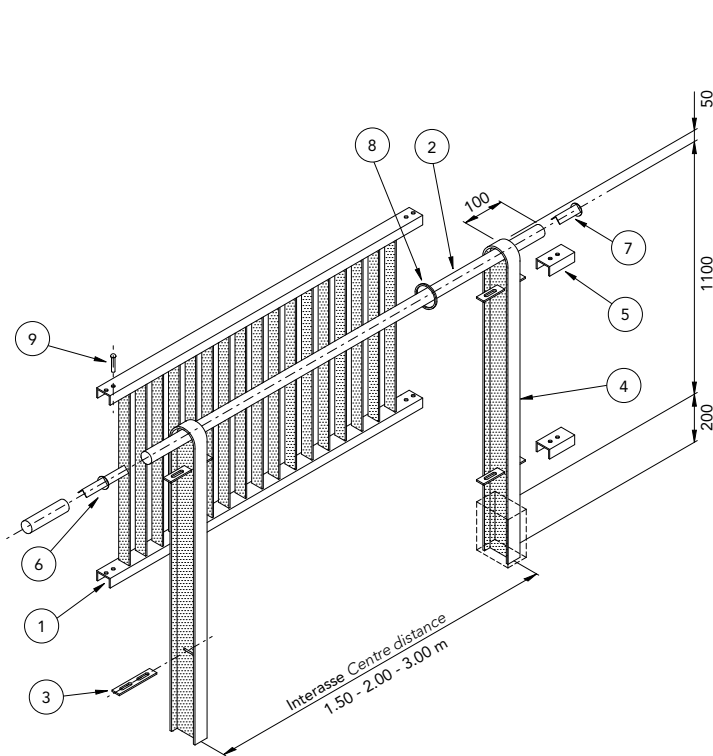
Crash tests

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



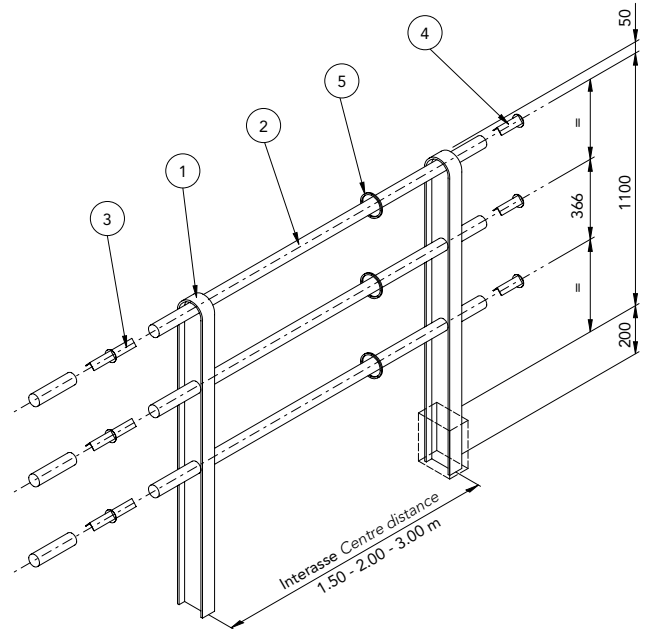
Ringhiera parapetto PS1

Single sided fencing PS1
Geländer für rammfähige Böden PS1
Glissière parapet PS1
Baranda parapeto PS1



Ringhiera parapetto PS2

Single sided fencing PS2
Geländer für rammfähige Böden PS2
Glissière parapet PS2
Baranda parapeto PS2



Componenti Components,
Bauteile, Composants, Elementos

Ø60

Ø48

Descrizione - Description		
1	Pannello Panel, Lärmschutzplatte, Panneau entraxe, Panel	1,50 - 2,00 - 3,00
2	Tubo corrimano Handrail tube, Handlaufrohr, Tube rambarde, Tubo pasamanos	Ø 60x3 mm - 48x3 mm
3	Staffa Bracket, Bügelschraube, Étrier, Brida	35x6 L=180
4	Montante Upright, Pfosten, Montant, Puntal	INP100
5	Elemento terminale Terminal element, Abschlusselement, Extrémité, Elemento terminal	
6	Giunto per tubo corrimano Handrail tube coupling box, Verbindungsstück für Handlaufrohr, Raccord pour tube rambarde, Acoplamiento para tubo pasamanos	Ø 60 - Ø 48
7	Tappo per tubo corrimano Handrail tube cap, Deckel für Handlaufrohr, Bouchon pour tube rambarde, Tapón para tubo pasamanos	Ø 60 - Ø 48
8	Fascia fermatubo corrimano Handrail tube fastener, Handlaufrohrschelle, Fixation pour tube rambarde, Abrazadera sujeta-tubo pasamanos	
9	Bulloneria (n°8 per pannello) Bolts (nr. 8 per panel), Schrauben (8 je Blech), Boulons (8 par panneau), Tornillo (8 por panel)	M12

Componenti Components,
Bauteile, Composants, Elementos

Ø60

Ø48

Descrizione - Description		
1	Montante Upright, Pfosten, Montant, Puntal	INP100
2	Tubo corrimano Handrail tube, Handlaufrohr, Tube rambarde, Tubo pasamanos	Ø 60x3 mm - 48x3 mm
3	Giunto per tubo corrimano Handrail tube coupling box, Verbindungsstück für Handlaufrohr, Raccord pour tube rambarde, Acoplamiento para tubo pasamanos	Ø 60 - Ø 48
4	Tappo per tubo corrimano Handrail tube cap, Deckel für Handlaufrohr, Bouchon pour tube rambarde, Tapón para tubo pasamanos	Ø 60 - Ø 48
5	Fascia fermatubo corrimano Handrail tube fastener, Handlaufrohrschelle, Fixation pour tube rambarde, Abrazadera sujeta-tubo pasamanos	

Sales office:

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

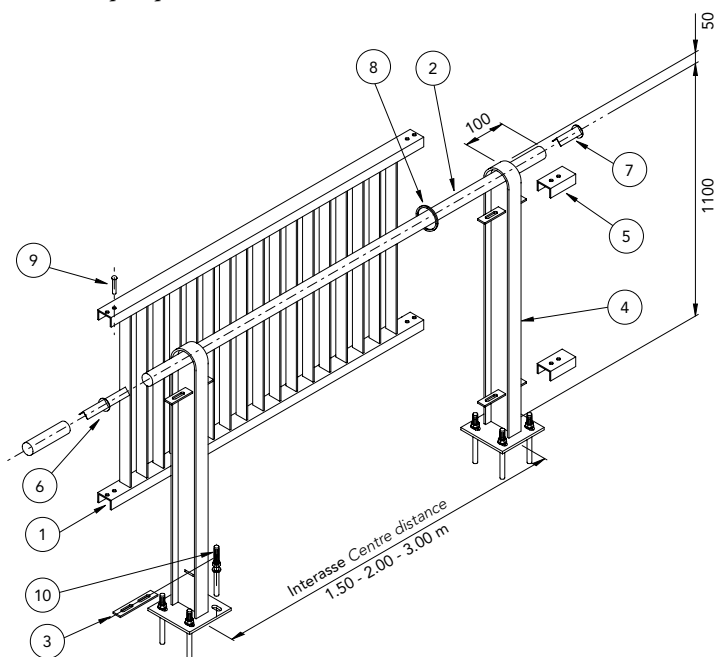
guardrail@marcegaglia.com
 www.marcegagliabuildtech.it

Plants:

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

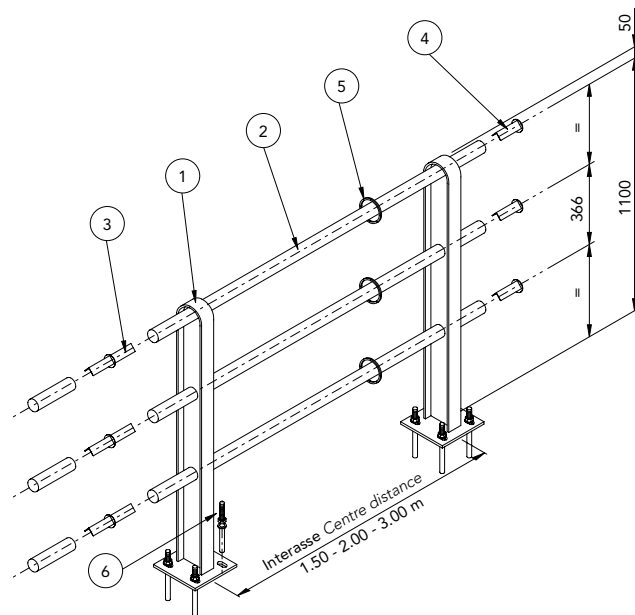
Ringhiera parapetto PS1 - su piastra

Single sided fencing PS1
 Geländer für Kunstbauten PS1
 Glissière parapet PS1
 Baranda parapeto PS1



Ringhiera parapetto PS2 - su piastra

Single sided fencing PS2
 Geländer für Kunstbauten PS2
 Glissière parapet PS2
 Baranda parapeto PS2



Componenti Components,
 Bauteile, Composants, Elementos

Ø60

Ø48

Descrizione - Description		
1	Pannello Panel, Lärmschutzplatte, Panneau entraxe, Panel	1,50 - 2,00 - 3,00
2	Tubo corrimano Handrail tube, Handlaufrohr, Tube rambarde, Tubo pasamanos	Ø 60x3 mm - 48x3 mm
3	Staffa Bracket, Bügelschraube, Étrier, Brida	35x6 L=180
4	Montante Upright, Pfosten, Montant, Puntal	INP100
5	Elemento terminale Terminal element, Abschlusselement, Extrémité, Elemento terminal	
6	Giunto per tubo corrimano Handrail tube coupling box, Verbindungsstück für Handlaufrohr, Raccord pour tube rambarde, Acoplamiento para tubo pasamanos	Ø 60 - Ø 48
7	Tappo per tubo corrimano Handrail tube cap, Deckel für Handlaufrohr, Bouchon pour tube rambarde, Tapón para tubo pasamanos	Ø 60 - Ø 48
8	Fascia fermatubo corrimano Handrail tube fastener, Handlaufrohrschelle, Fixation pour tube rambarde, Abrazadera sujeta-tubo pasamanos	
9	Bulloneria (n°8 per pannello) Bolts (nr. 8 per panel), Schrauben (8 je Blech), Boulons (8 par panneau), Tornillo (8 por panel)	M12
10	Tirafondo d'ancoraggio Anchor bolt, Verbundklebeankerschraube, Tire-fond d'ancrage, Varilla roscada	M 16 Ch 8.8

Componenti Components,
 Bauteile, Composants, Elementos

Ø60

Ø48

Descrizione - Description		
1	Montante Upright, Pfosten, Montant, Puntal	INP100
2	Tubo corrimano Handrail tube, Handlaufrohr, Tube rambarde, Tubo pasamanos	Ø 60x3 mm - 48x3 mm
3	Giunto per tubo corrimano Handrail tube coupling box, Verbindungsstück für Handlaufrohr, Raccord pour tube rambarde, Acoplamiento para tubo pasamanos	Ø 60 - Ø 48
4	Tappo per tubo corrimano Handrail tube cap, Deckel für Handlaufrohr, Bouchon pour tube rambarde, Tapón para tubo pasamanos	Ø 60 - Ø 48
5	Fascia fermatubo corrimano Handrail tube fastener, Handlaufrohrschelle, Fixation pour tube rambarde, Abrazadera sujeta-tubo pasamanos	
6	Tirafondo d'ancoraggio Anchor bolt, Verbundklebeankerschraube, Tire-fond d'ancrage, Varilla roscada	M 16 Ch 8.8