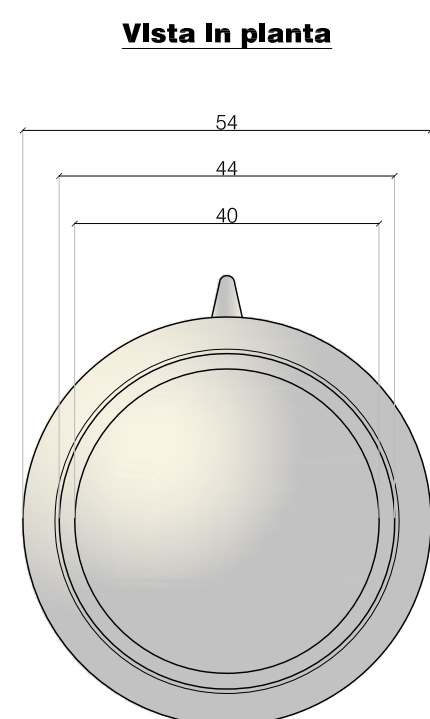
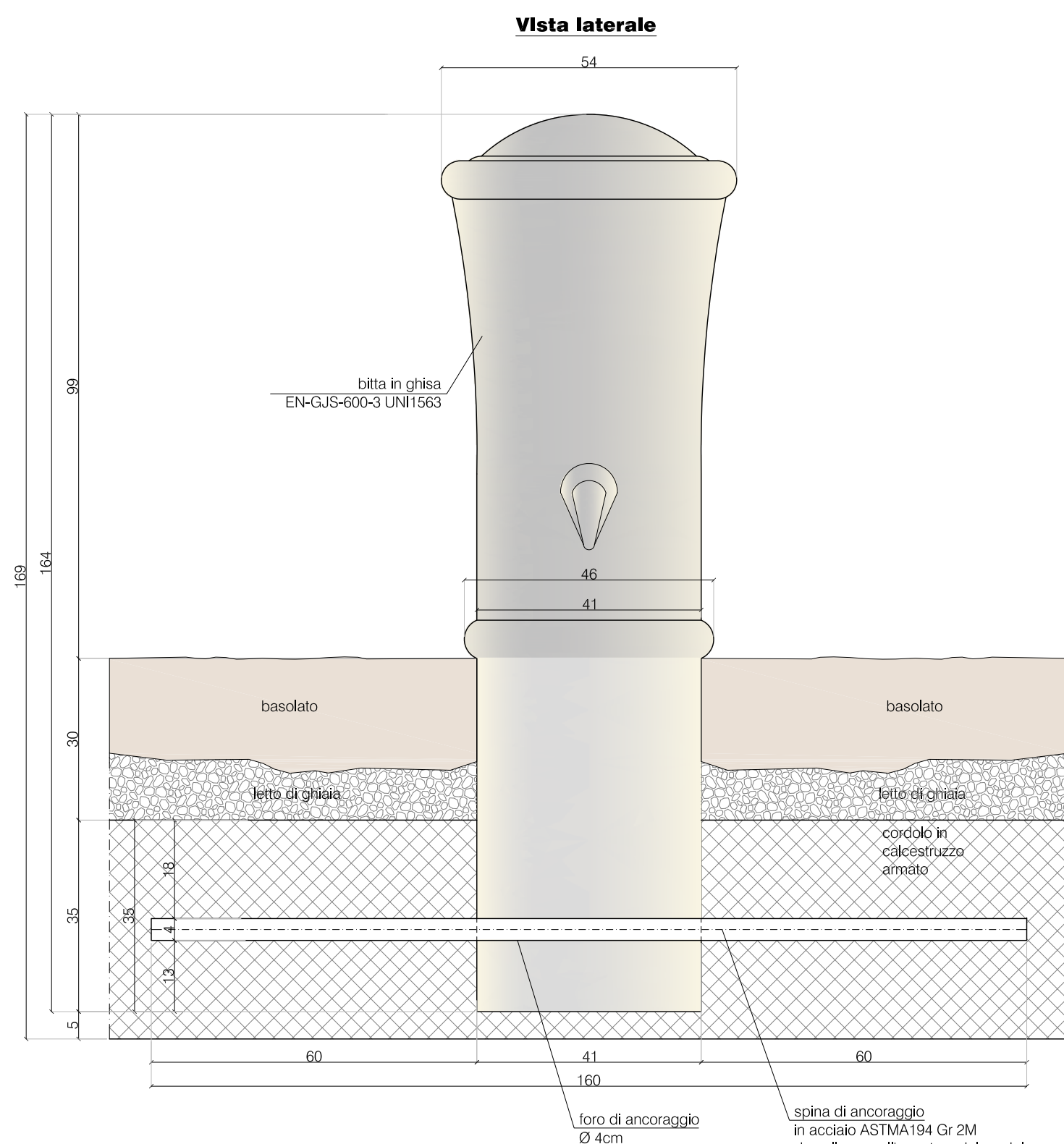
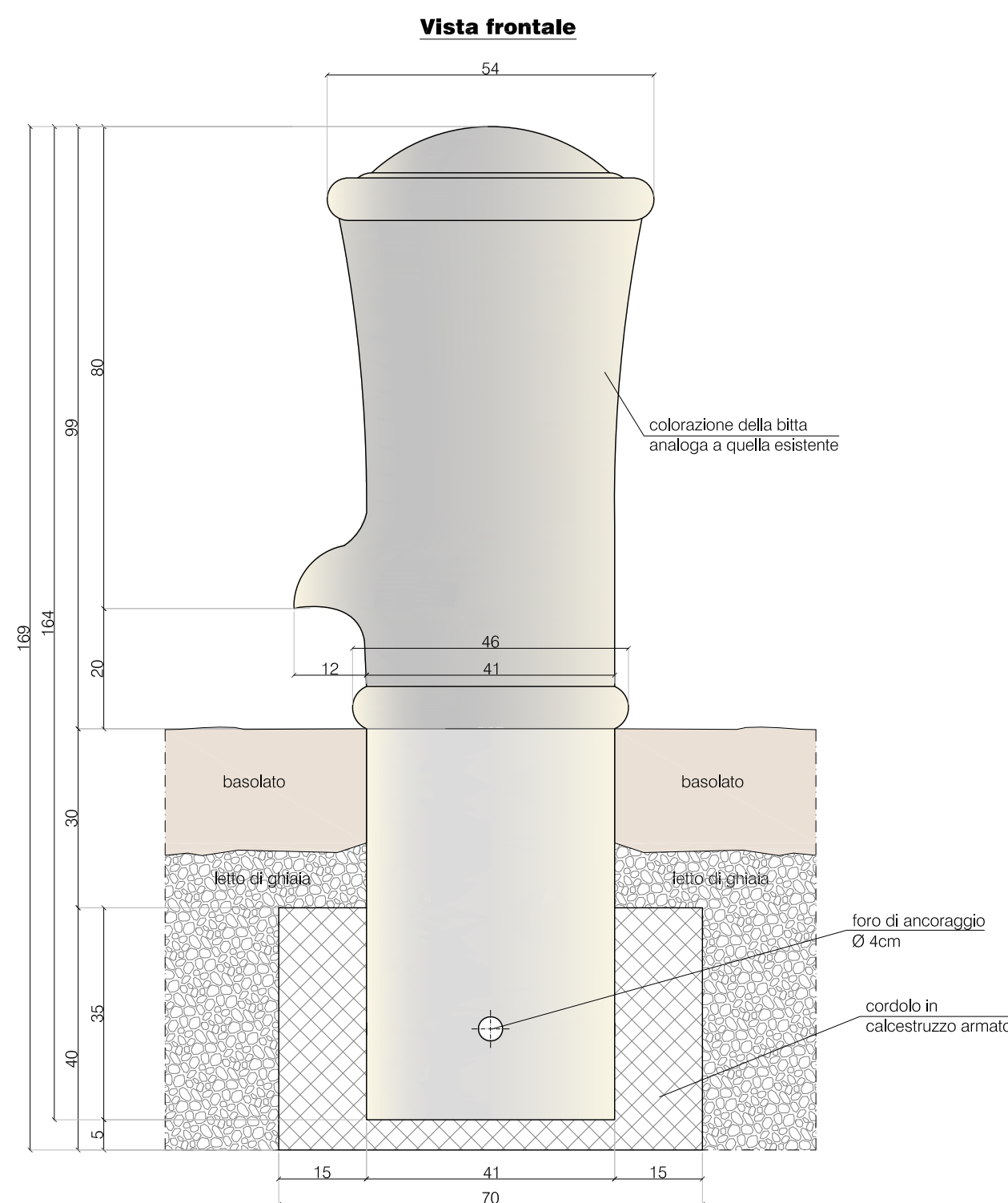
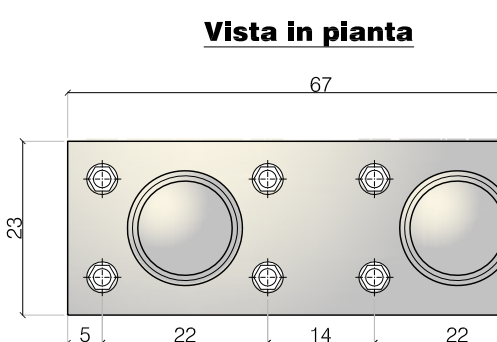
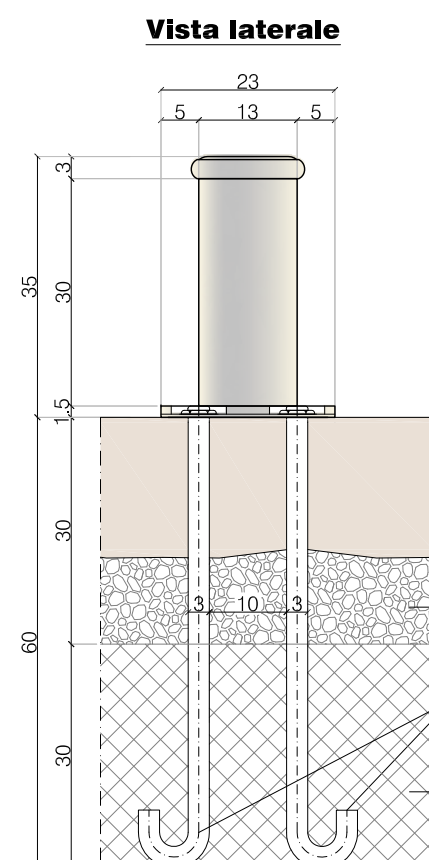
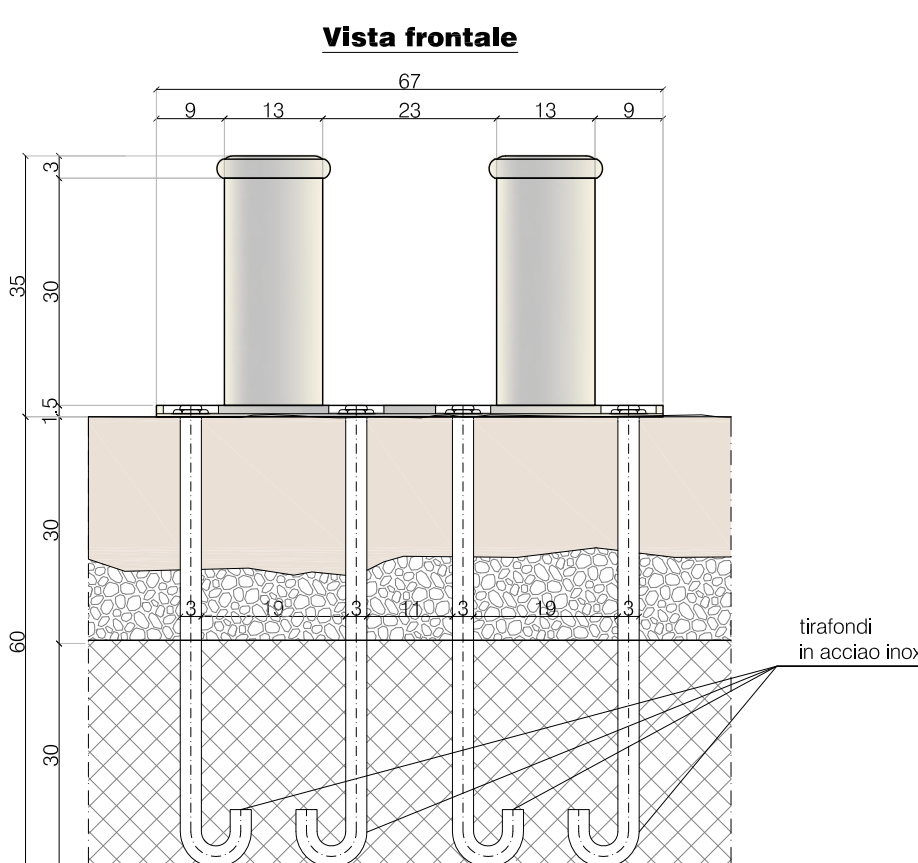


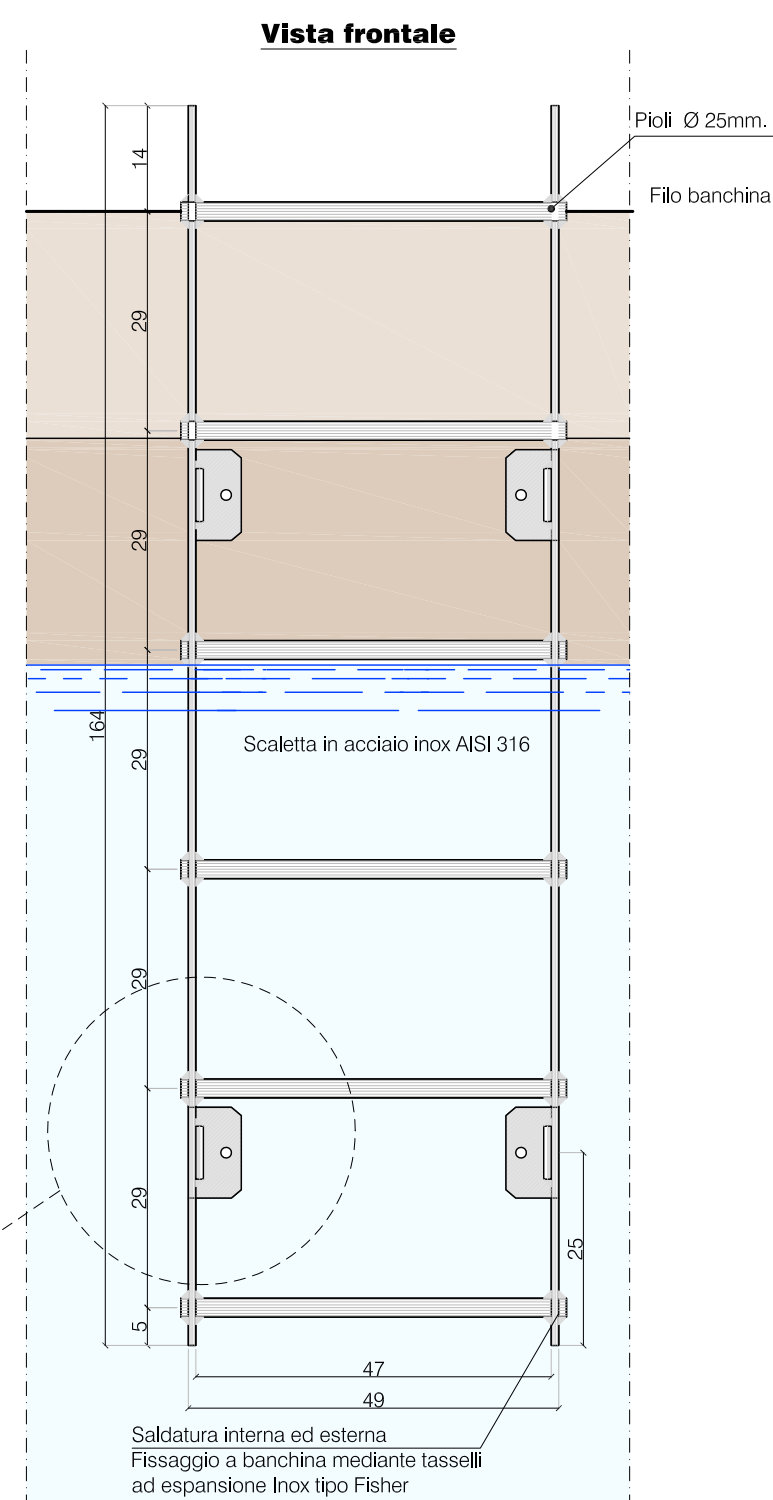
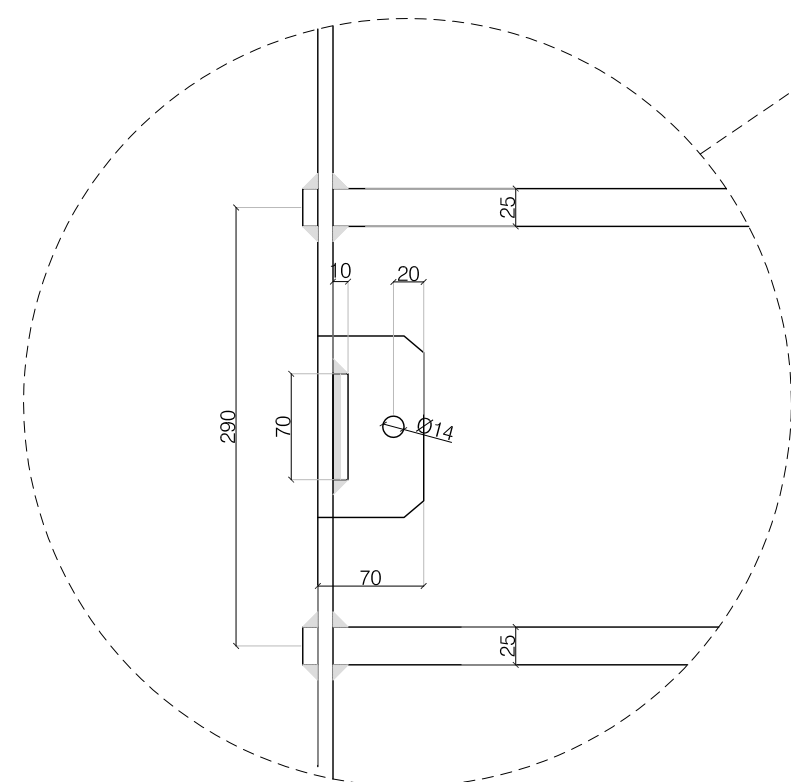
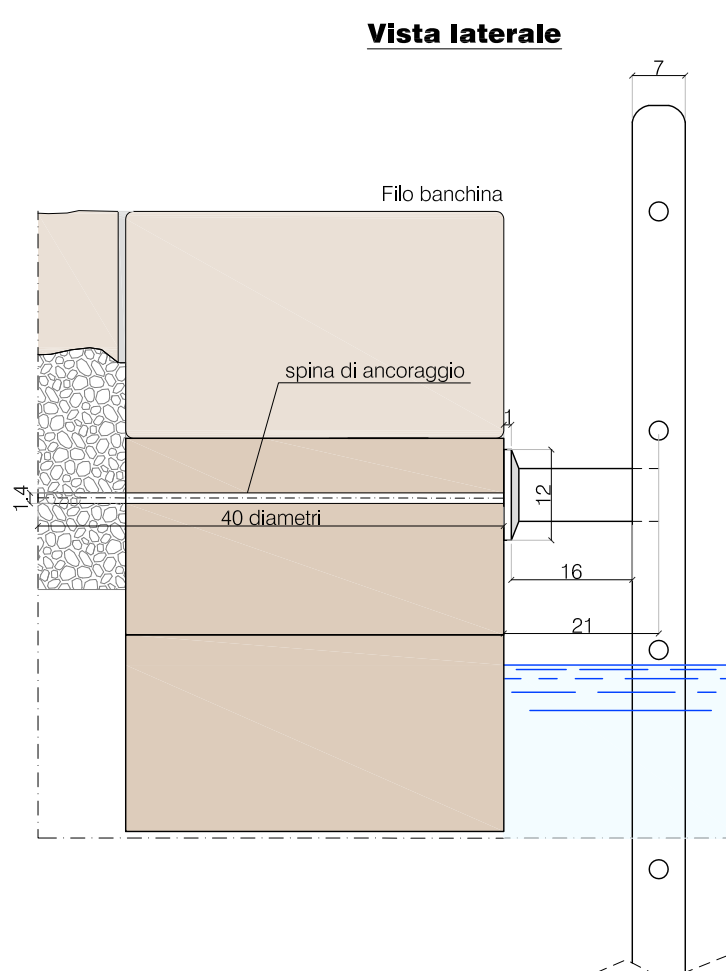
Bitta monumentale da 15t in ghisa sferoidale



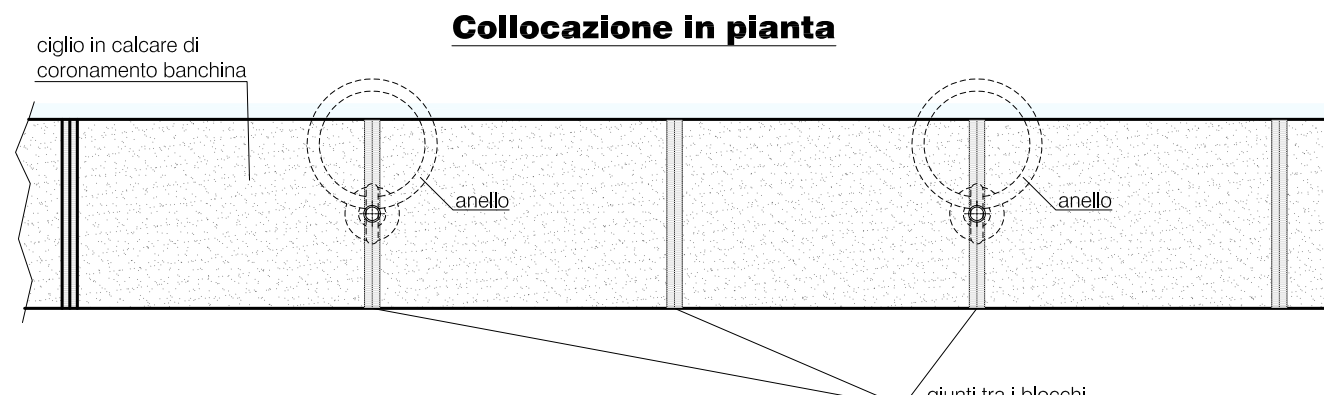
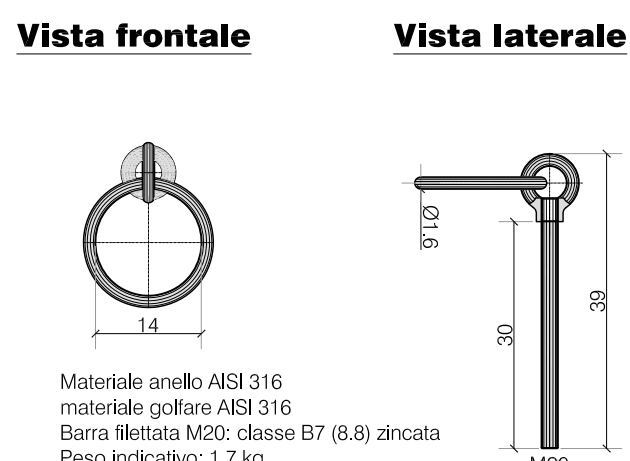
Bitta olandese



Scaletta di risalita a pioli

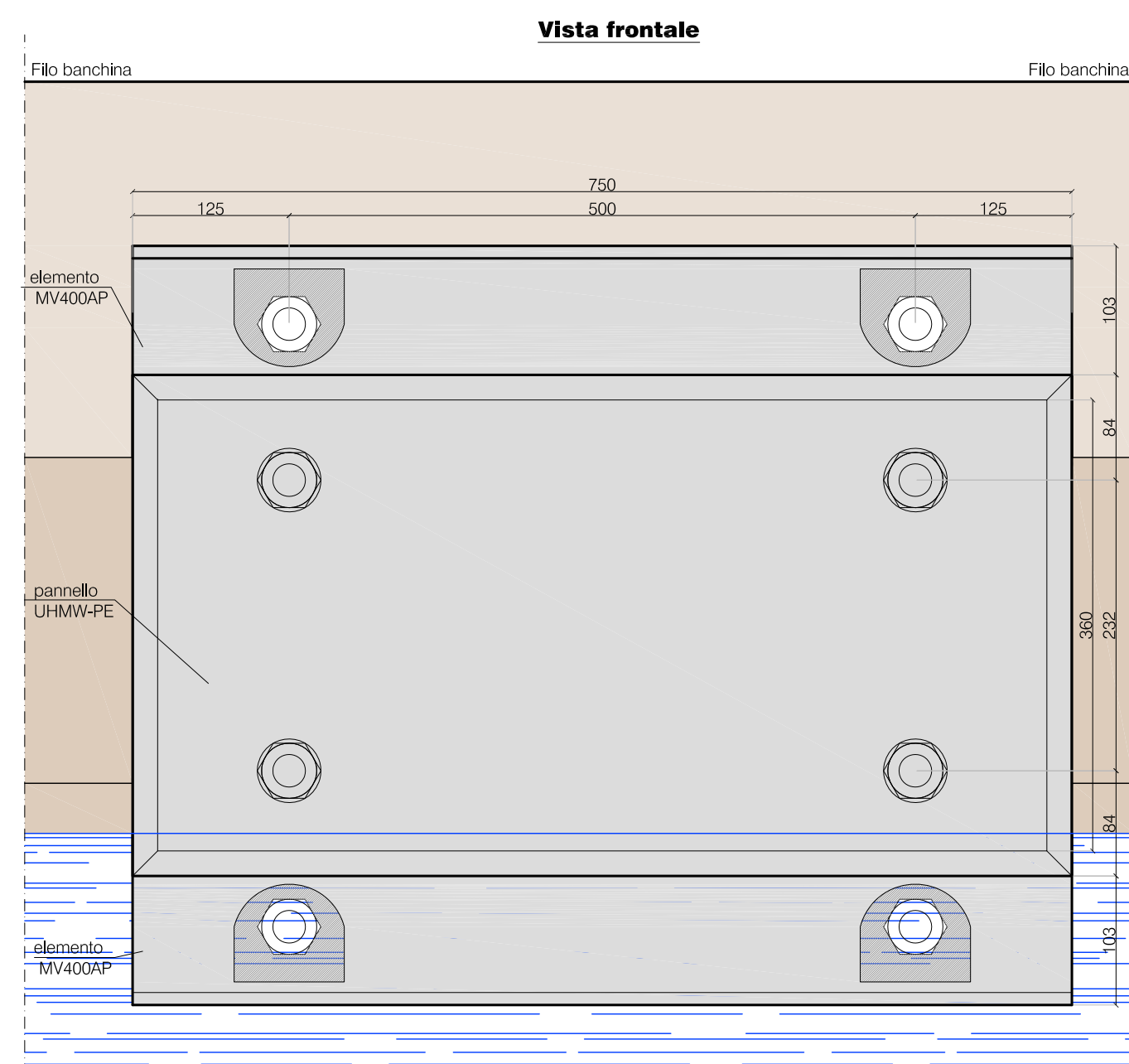


Anello golfare di attracco da 2t

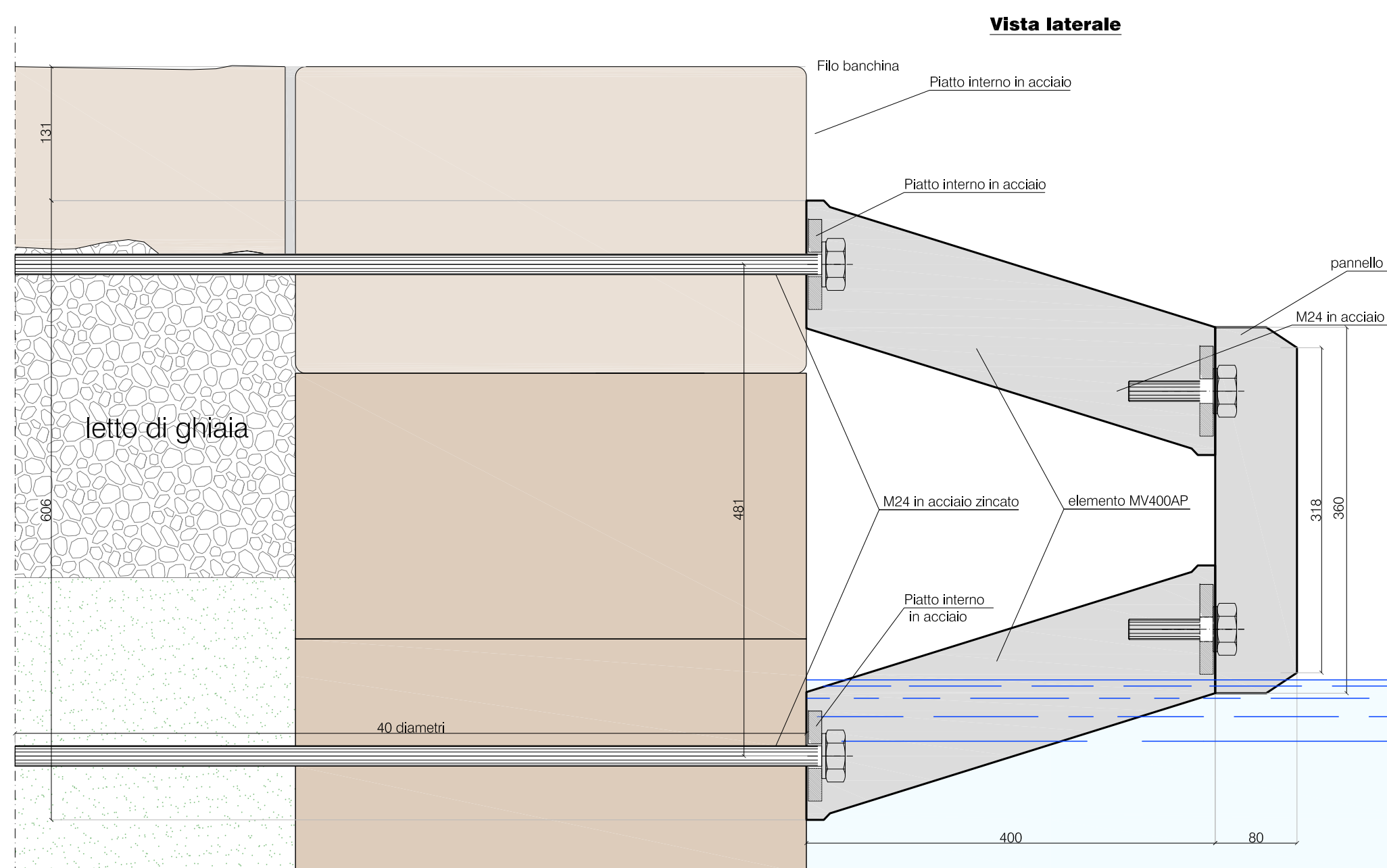


CARATTERISTICHE	VALORI	NORME
DENSITA'	0.95 ± 0.02 gr/cm³	DIN 53479
CARICO DI ROTTURA	25 min MPa	DIN 53455
ALLUNGAMENTO A ROTTURA	400 min %	DIN 53455
RESISTENZA A COMPRESSIONE	20 min MPa	
RESISTENZA ALL'URTO	130 min mJ/mm²	DIN 53455
RESISTENZA ALL'ABRAZIONE	120 max	SAND SLURRY
COEFFICIENTE DI ATTRITO	0.2 max	DIN 53375

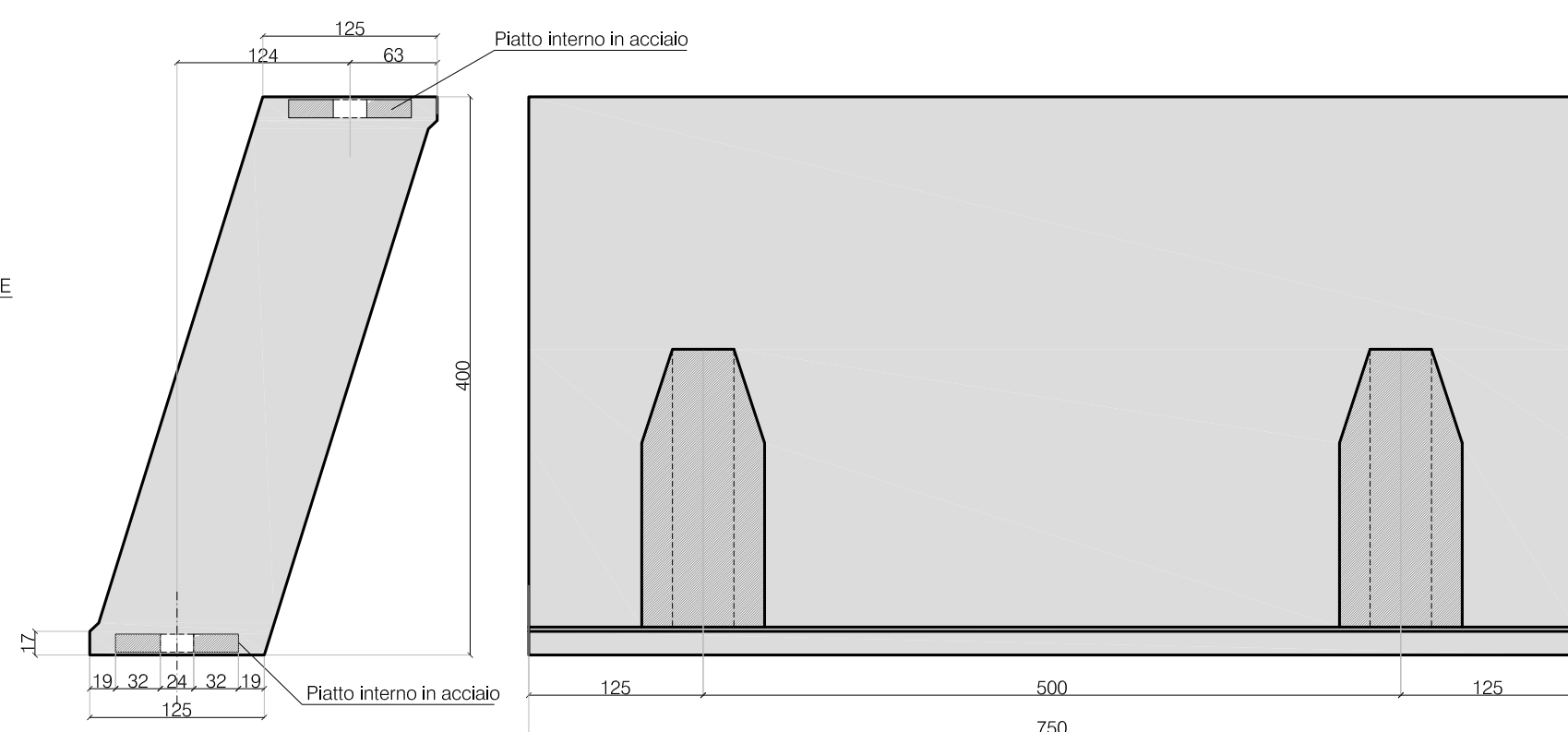
Parabordo ormeggio traghetti e pescherecci d'altura



CARATTERISTICHE PARABORDO	
TIPOLOGIA	trellborg mv 400 750 ap o similare
ENERGIA ASSORBITA	53.8 KW* m
REAZIONE	292 KN
PANNELLO	UMMW-PE
ELEMENTO MV	gomma ad alta prestazione resistente a raggi UV, azoto, acqua di mare



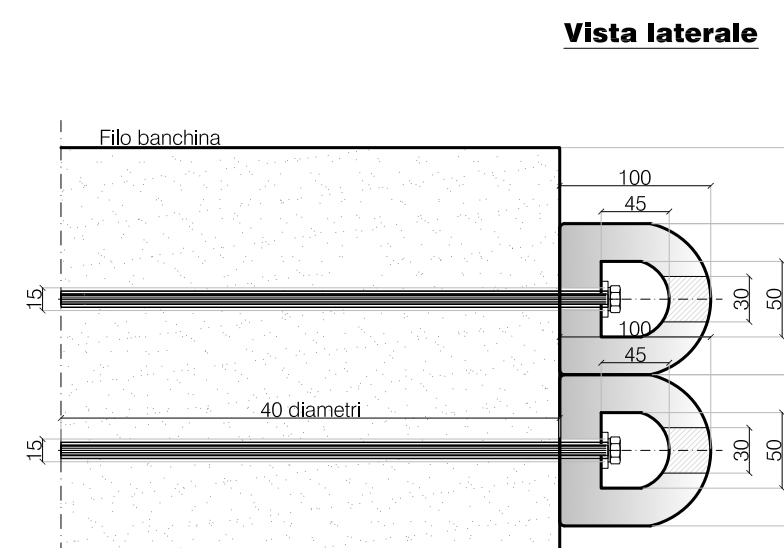
CARATTERISTICHE POLIETILENE UHMW PER PANNELLI		
CARATTERISTICHE	VALORI	NORME
DENSITA'	0,95 ± 0,02 g/cm ³	DIN 53479
CARICO DI ROTTURA	25 min MPa	DIN 53455
ALLUNGAMENTO A ROTTURA	400 min %	DIN 53455
RESISTENZA A COMPRESSIONE	20 min MPa	
RESISTENZA ALL'URTO	130 min mJ/mm ²	DIN 53455
RESISTENZA ALL'ABRASSIONE	120 max	SAND SLURRY
COEFFICIENTE DI ATTRITO	0,2 max	DIN 53375



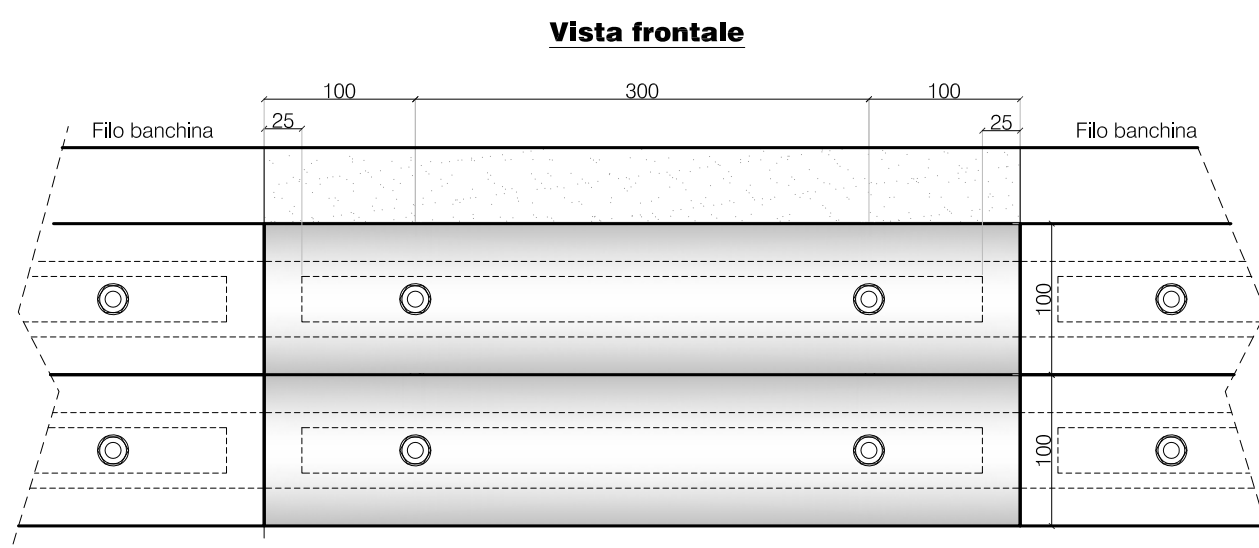
CARATTERISTICHE GOMMA ELEMENTO MV400AP			
PROPRIETA'	NORME DI RIFERIMENTO	CONDIZIONI	VALORE
RESISTENZA A TRAZIONE	DIN 53504: ASTM D 412 DIN AS 1180.2; BS ISO 37: JIS K 6251	Original Aged for 96 hours at 70°C	16,0 MPa (Min); 12,8 MPa (Min)
ALLUNGAMENTO A ROTTURA	DIN 53504: ASTM D 412 DIN AS 1180.2; BS ISO 37: JIS K 6251	Original Aged for 96 hours at 70°C	350%; 280%
DUREZZA	DIN 53505: ASTM D 2960: AS 1683.15 BS 903 A6: ISO 815: JIS K 6253	Original Aged for 96 hours at 70°C	78° Shore A (max); Original: 68° Shore A (max)
COMPRESSION SET	ASTM D 395 Method B; AS 1683.13 Method B BS 903 A6: ISO 815: JIS K 6262	22 hours at 70°C	30% max
RESISTENZA ALLO STRAPPO	ASTM D 624 DIN AS 1683.12; BS ISO 34-1: JIS K 6252	original	70 kN/m
RESISTENZA ALL'OZONO	DIN 53509: ASTM D 1149: AS 1683-24 BS ISO 1431-1: JIS K 6259	50pphm at 50% strain, 40°C, 100 hours	No cracks
RESISTENZA AD ACQUA DI MARE	ASTM D 471: BS ISO 1817	28 days at 95°C	Hardness: $\pm 10\%$ Shore A Volume: $\pm 10\%$ (max) (Shore A max)
ABRASIONE	ASTM D 5963-04 BS ISO 4649: 2002; BS 903 A99, Method B	3000 revolutions	7mm (max); 1,5 cc (max)
BOND STRENGTH	ASTM D 429, Method B; BS 903 A21 Section 21.1	Rubber to steel	7N/mm (min)
RESISTENZA A FATICA	ASTM D430-95 Method B	15.00 cycles	Grade 0-1

Parabordo ormeggio piccole imbarcazioni: modulo da 500mm

CARATTERISTICHE GOMMA PER ESTRUSI			
PROPRIETA'	NORME DI RIFERIMENTO	CONDIZIONI	VALORE
RESISTENZA A TRAZIONE	DIN 53504; ASTM D 412 Dc; AS 1180.2; BS ISO 37; JIS K 6261	Original Aged for 96 hours at 70°C	13.0 MPa (Min); 10.4 MPa (Min)
ALLUNGAMENTO A ROTTURA	DIN 53504; ASTM D 412 Dc; AS 1180.2; BS ISO 37; JIS K 6261	Original Aged for 96 hours at 70°C	280%; 224%
DUREZZA	DIN 53505; ASTM D 2240; AS 1683.15; BS ISO 37; JIS K 6263	Original Aged for 96 hours at 70°C	78° Shore A (max); Original + 8° Shore A (max)
COMPRESSION SET	ASTM D 385 Method B; AS 1683.13 Method B; BS 900 A6; ISO 815 B16; K 6262	22 hours at 70°C	30% max
RESISTENZA ALLO STRAPPO	ASTM D 624 Dc; B; AS 1683.12; BS ISO 34-1; JIS K 6262	original	70 N/m
RESISTENZA ALL'OZONO	DIN 53509; ASTM D 1149; AS 1683-24; BS ISO 143-1; JIS K 6259	50pphm at 20% strain, 400, 100 hours	No cracks
RESISTENZA AD ACQUA DI MARE	ASTM D 471; BS ISO 1817	28 days at 95°C	Hardness: $\pm 10^\circ$ (Shore A/max); Volume $\pm 10\%$ (Shore A/max)
ABRASIONE	ASTM D 5963-04; BS ISO 4649: 2002; BS 900 A9; Method B	Original 3000 revolutions	100 mm ³ (max); 1.5 cc (max)

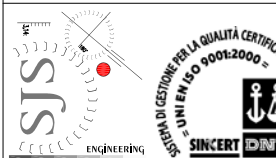


CARATTERISTICHE PARABORDO MODULO 500mm.	
TIPOLOGIA	0.7 KN* m
ENERGIA ASSORBITA	38.3 KN
PESO	2.4 Kg
TIPOLOGIA	trelleborg dp fender 100x100x500 o circularo



NOTA:
SARA' ONERE DELL'IMPRESA FORNITRICE IL RILIEVO DETTAGLIATO DELLA BITTA ESISTENTE (CALCO

MATRICE DELLE REVISIONI			
REVISIONE	DATA	MOTIVAZIONE	PROPONENTE
00	Febbraio 2010	PRIMA EMISSIONE	S&S Engineering
01	Maggio 2010	AGGIORNAMENTO IN RISCONTRO AL VOTO N°81 dell'Adunanza del 16/04/2010	C.T.A.

Mah Job			
AUTORITÀ PORTUALE DI BRINDISI			
PORTO DI BRINDISI			
Customer	Project level	Nr.	PT02
	Job title	Code	113PT02MMSC-01
	CONSOLIDAMENTO DELLA BANCHINA DEDICATA ALL'AMMIRAGLIO MILLO, DELLE BANCHINE DEL MONUMENTO AL MARINAIO E DEL CANALE PIGNONE	Projectist Responsible	Dott. Ing. D. Mancarella
	LOTTO I: CONSOLIDAMENTO DELLA BANCHINA DEDICATA ALL'AMMIRAGLIO MILLO	Designers	Dott. Ing. M. Filippone Dott. Ing. L. Lentini Dott. Ing. M. Mele Dott. Arch. A. Adamo Ing. M. Capita
SJS Engineering s.r.l. Via S. Maria 10/11 00195 Roma (RM) - IT Tel. 06/58160001 - 02 Fax 06/58160002 Mail: info@sjs.it Pagine: 1/18 1/8 LAVORI 1/22	Subtitle	Filename	PT02 030m Rev01.dwg
	PARTICOLARI DEGLI ARREDI DI BANCHINA: BITTE, PARABORDI, SCALETTI, ANELLI DI ORMEGGIO	Date	Maggio 2010
Drawn	Checked	Scale	varie
C. Scarci	Dott. Ing. M. Mele		