

GUARD

PERMANENT ALUMINIUM RAILINGS

EN
14122-3:
2016

EN
13374+A1:
2018

NTC
2018

NF
E85-015:
2019

SIMPLE

Fast and easy to assemble, installation only takes a few steps.

COMBINABLE

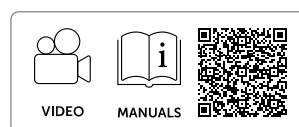
Modular system, can meet any design requirement thanks to the wide range of available accessories.

AESTHETICS AND DURABILITY

The aluminium alloy guarantees an aesthetic system and good corrosion resistance in the long term.



▼ Installation of permanent railings for securing an industrial roof.



TYPES OF FASTENING



GUARD H
HORIZONTAL
FASTENING



GUARD V/GUARD VD
VERTICAL SPACED



GUARD W
SELF-SUPPORTING



Z GUARD
Z SHAPED BASE
(FASTENING)



GUARD M ON METAL
SHEET/METAL
PANEL

TYPES OF UPRIGHTS



STRAIGHT
UPRIGHT - S



INCLINED
UPRIGHT - I



FOLDING
UPRIGHT - F*



Material: EN AW-6063 aluminium,
anodised or powder-coated on request (RAL colours)

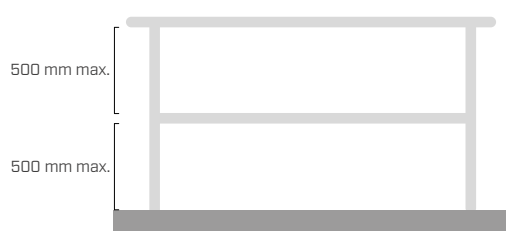


* On demand.

SPACING BY TYPE OF FASTENER

TYPE	upright/frets	SPACING FOR UPRIGHT $H_{max} = 118 \text{ cm}$			
		EN 14122-3:2016 [cm]	EN 13374+A1:2018 [cm]	NTC 2018 [cm]	NF E85-015:2019 [cm]
GUARD H	straight	150	-	133	150
	inclined	150	-	100	150
GUARD V - VD	straight	150	-	133	150
	inclined	150	-	100	150
GUARD W	straight	150	250	75	150
	inclined	150	250	75	150
GUARD Z	straight	150	-	133	150
	inclined	150	-	100	150
GUARD M	frets spacing 250 mm	150	-	-	150
	frets spacing 333 mm	166	-	-	166

RAILING WITHOUT TOE BOARD



with curb greater than 150 mm

RAILING WITH TOE BOARD



without curb or less than 150 mm

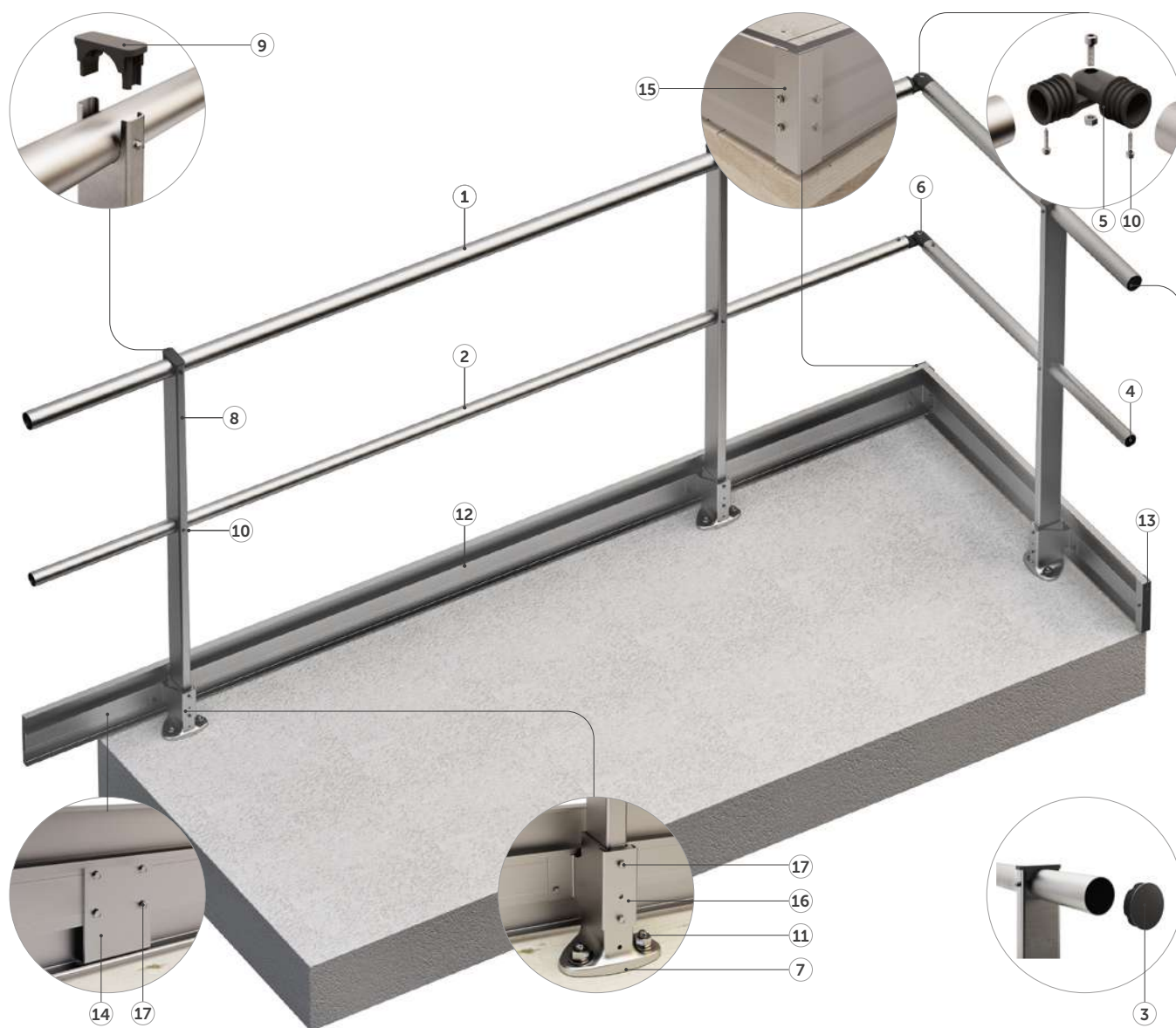
GUARD H

HORIZONTAL FASTENING RAILING

EN
14122-3:
2016

NTC
2018

NF
E85-015:
2019



CODE	description
1 RBGBAR45	Ø45 mm handrail with flush-mounted ring nuts L = 3000 mm
2 RBGBAR35	Ø35 mm intermediate rail with flush-mounted ring nuts L = 3000 mm
3 RBGCAP45	cap for handrail Ø45 mm
4 RBGCAP35	cap for intermediate rail Ø35 mm
5 RBGCOR45	angle bracket for handrail Ø45 mm
6 RBGCOR35	angle bracket for intermediate rail Ø35 mm
5-6 RBGCORAL	aluminium angle bracket for handrail and intermediate rail (alternative to RBGCOR45/ RBGCOR35)
7 RBGBASEH	bottom plate horizontal fastening painted grey GUARD H with grub screws included
RBGSUP110	straight upright H = 1105 mm groove Ø45 mm
RBGSUP118	straight upright H = 1182 mm groove Ø45 mm
8 RBGSUP1151	inclined upright H = 1157 mm groove Ø45 mm
RBGBASEHKIT	waterproofing kit for GUARD H base

CODE	description
9 RBGCAP	upright cap 68 x 28 mm groove Ø45 mm
10 RBGSCR4825	stainless steel self-drilling screw 4,8 x 25 mm
11 RBGSCR810	grub screw M8 x 10 mm (spare part)
12 RBGTB	toe board 3000 x 150 x 19 mm
13 RBGTBCAP	cap for toe board H = 150 mm
14 RBGTBJUN	straight connector toe board H = 150 mm
15 RBGTBCOR	angle bracket for toe board H = 150 mm
16 RBGTBH	support for toe board H = 150 mm
17 RBGSCR4816	stainless steel self-drilling screw 4,8 x 16 mm

For wall fastening:

RBGWALL45	end element for handrail Ø45 mm
RBGWALL35	end element for round intermediate rail Ø35 mm
RBGWALLAL	aluminium end element for handrail and intermediate rail

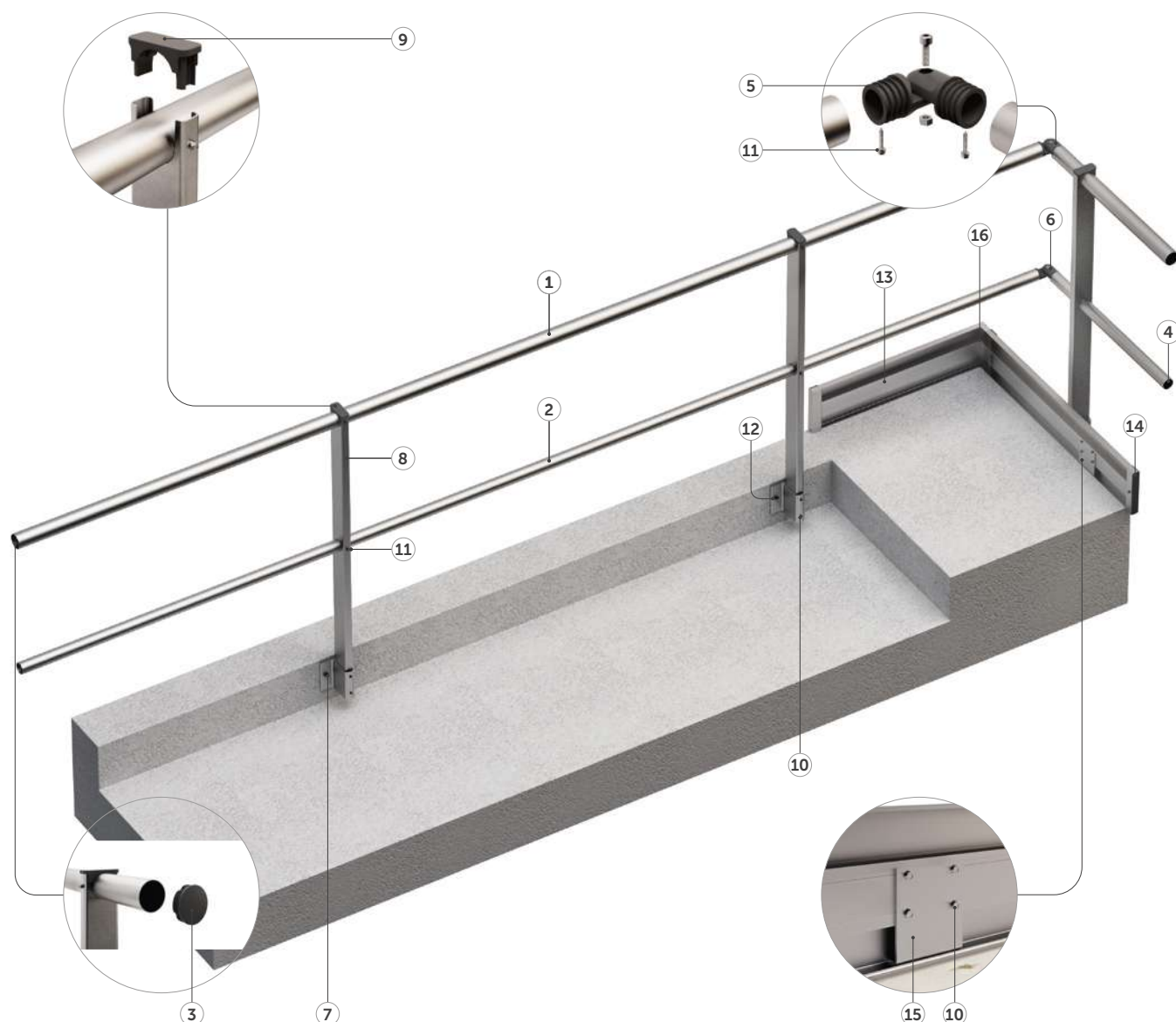
GUARD V/GUARD VD

RAILING VERTICAL AND VERTICAL SPACED FASTENING

EN
14122-3:
2016

NTC
2018

NF
E85-015:
2019



CODE	description
1 RBGBAR45	Ø45 mm handrail with flush-mounted ring nuts L = 3000 mm
2 RBGBAR35	Ø35 intermediate rail with flush-mounted ring nuts L = 3000 mm
3 RBGCAP45	cap for handrail Ø45 mm
4 RBGCAP35	cap for intermediate rail Ø35 mm
5 RBGCOR45	angle bracket for handrail Ø45 mm
6 RBGCOR35	angle bracket for intermediate rail Ø35 mm
5-6 RBGCORAL	aluminium angle bracket for handrail and intermediate rail (alternative to RBGCOR45/ RBGCOR35)
7 RBGBASEV	bottom plate for wall fastening GUARD V
RBGBASEVD	bottom plate for fastening on projecting wall GUARD VD
8 RBGSUP118	straight upright H = 1182 mm groove Ø45 mm
RBGSUP130	straight upright H = 1300 mm groove Ø45 mm
9 RBGCAP	upright cap 68 x 28 mm groove Ø45 mm

CODE	description
10 RBGSCR4816	stainless steel self-drilling screw 4,8 x 16 mm
11 RBGSCR4825	stainless steel self-drilling screw 4,8 x 25 mm
12 RBGSCR4832	stainless steel self-drilling screw 4,8 x 32 mm
13 RBGTB	toe board 3000 x 150 x 19 mm
14 RBGTBCAP	cap for toe board H = 150 mm
15 RBGTBJUN	straight connector toe board H = 150
16 RBGTBCOR	angle bracket for toe board H = 150 mm
RBGSUP115I	inclined upright H = 1157 mm groove Ø45 mm
RBGDIST	spacer element GUARD V-VD + 35 mm

For wall fastening:

RBGWALL45	end element for handrail Ø45 mm
RBGWALL35	end element for round intermediate rail Ø35 mm
RBGWALLAL	aluminium end element for handrail and intermediate rail

GUARD W

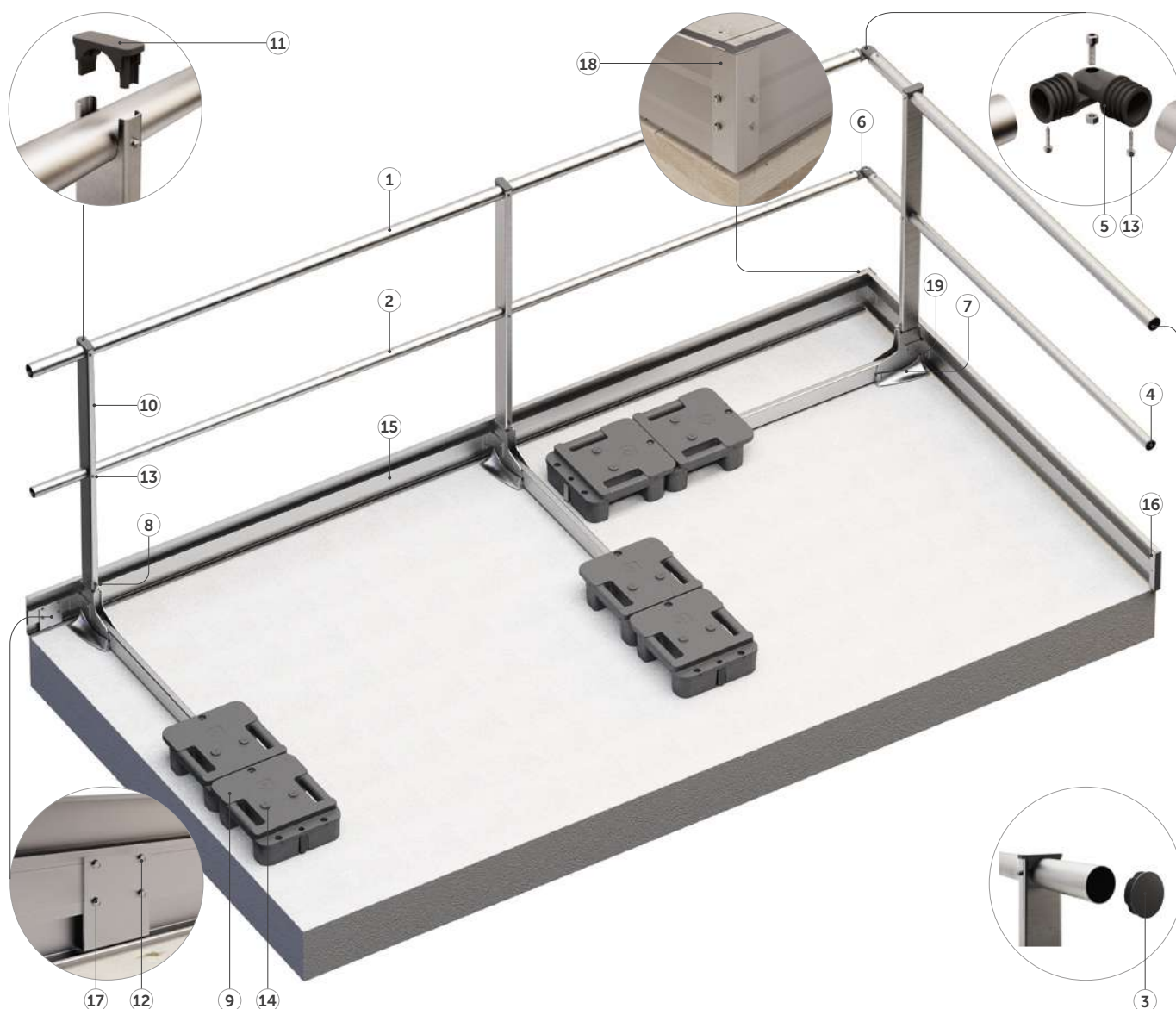
SELF-SUPPORTING RAILING

EN
14122-3:
2016

EN
13374+A1:
2018

NTC
2018

NF
E85-015:
2019



CODE	description
1 RBGBAR45	Ø45 mm handrail with flush-mounted ring nuts L = 3000 mm
2 RBGBAR35	Ø35 intermediate rail with flush-mounted ring nuts L = 3000 mm
3 RBGCAP45	cap for handrail Ø45 mm
4 RBGCAP35	cap for intermediate rail Ø35 mm
5 RBGCOR45	angle bracket for handrail Ø45 mm
6 RBGCOR35	angle bracket for intermediate rail Ø35 mm
5-6 RBGCORAL	aluminium angle bracket for handrail and intermediate rail (alternative to RBGCOR45/ RBGCOR35)
7 RBGBASEW	base for self-supporting GUARD W straight with support leg including mounting wedge
8 RBGBASEWE	locking wedge for GUARD W (spare part)
RBGBASEWI	base for self-supporting GUARD W inclined with support leg
9 RBGWEIGHT	plastic counterweight 12,5 kg for GUARD W
RBGSUP110	straight upright H = 1105 mm groove Ø45 mm
10 RBGSUP118	straight upright H = 1182 mm groove Ø45 mm

CODE	description
11 RBGCAP	upright cap 68 x 28 mm groove Ø45 mm
12 RBGSCR4816	stainless steel self-drilling screw 4,8 x 16 mm
13 RBGSCR4825	stainless steel self-drilling screw 4,8 x 25 mm
14 RBGSCR4850	stainless steel self-drilling screw 4,8 x 50 mm
15 RBGTB	toe board 3000 x 150 x 19 mm
16 RBGTBCAP	cap for toe board H = 150 mm
17 RBGTBJUN	straight connector toe board H = 150 mm
18 RBGTBCOR	angle bracket for toe board H = 150 mm
19 RBGTBH	support for toe board H = 150 mm

For wall fastening:

RBGWALL45	end element for handrail Ø45 mm
RBGWALL35	end element for round intermediate rail Ø35 mm
RBGWALLAL	aluminium end element for handrail and intermediate rail

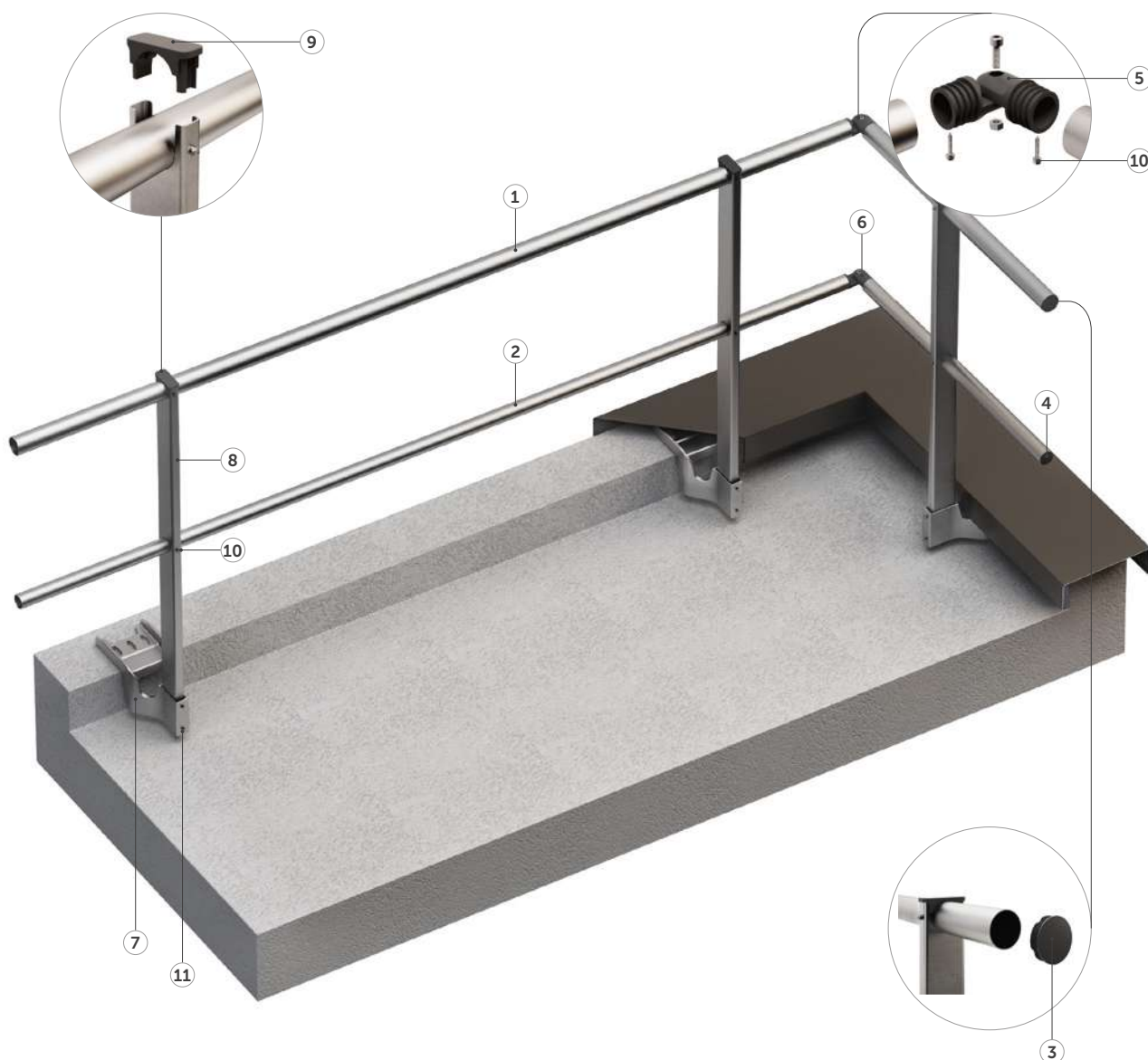
GUARD Z

A Z FASTENING RAILING

EN
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2016

NTC
2018

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E85-015:
2019

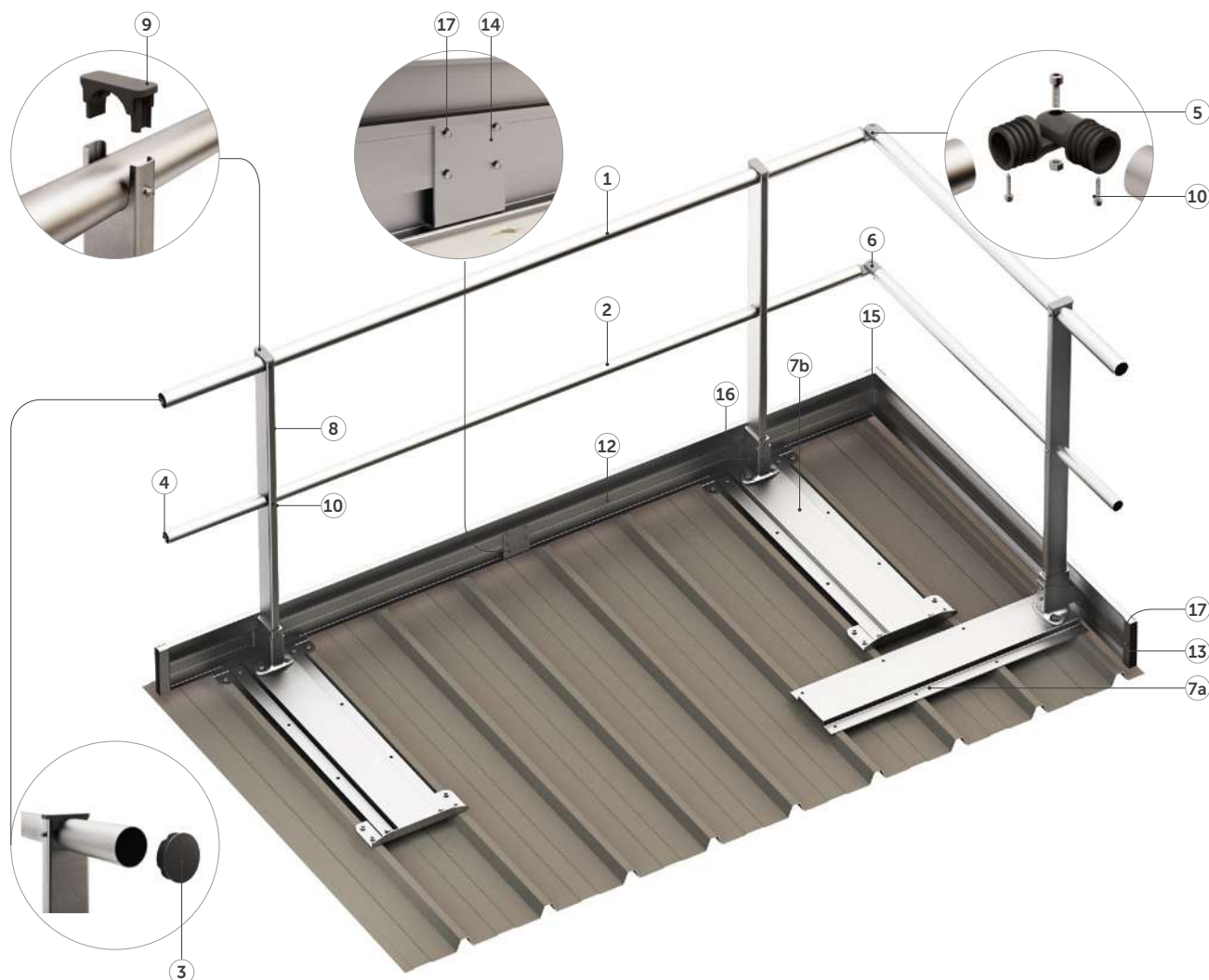


CODE	description
1 RBGBAR45	Ø45 mm handrail with flush-mounted ring nuts L = 3000 mm
2 RBGBAR35	Ø35 intermediate rail with flush-mounted ring nuts L = 3000 mm
3 RBGCAP45	cap for handrail Ø45 mm
4 RBGCAP35	cap for intermediate rail Ø35 mm
5 RBGCOR45	angle bracket for handrail Ø45 mm
6 RBGCOR35	angle bracket for intermediate rail Ø35 mm
5-6 RBGCORAL	aluminium angle bracket for handrail and intermediate rail (alternative to RBGCOR45/ RBGCOR35)
7 RBGBASEZ	standard aluminium base Z for perimeter wall without insulation GUARD Z with grub screws included
RBGSUP110	straight upright H = 1105 mm groove Ø45 mm
8 RBGSUP118	straight upright H = 1182 mm groove Ø45 mm
RBGSUP115I	inclined upright H = 1157 mm groove Ø45 mm
9 RBGCAP	upright cap 68 x 28 mm groove Ø45 mm
10 RBGSCR4825	stainless steel self-drilling screw 4,8 x 25 mm

CODE	description
11 RBGSCR810	grub screw M8 x 10 mm (spare part)

For wall fastening:

RBGWALL45	end element for handrail Ø45 mm
RBGWALL35	end element for round intermediate rail Ø35 mm
RBGWALLAL	aluminium end element for handrail and intermediate rail



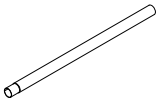
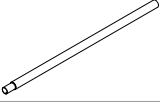
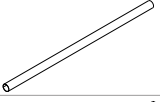
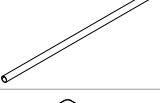
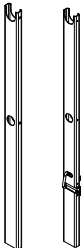
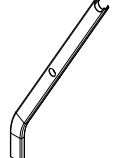
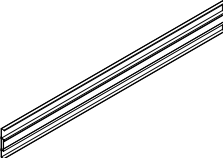
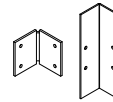
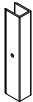
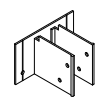
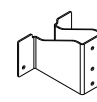
CODE	description
1 RBGBAR45	Ø45 mm handrail with flush-mounted ring nuts L = 3000 mm
2 RBGBAR35	Ø35 intermediate rail with flush-mounted ring nuts L = 3000 mm
3 RBGCAP45	cap for handrail Ø45 mm
4 RBGCAP35	cap for intermediate rail Ø35 mm
5 RBGCOR45	angle bracket for handrail Ø45 mm
6 RBGCOR35	angle bracket for intermediate rail Ø35 mm
5-6 RBGCORAL	aluminium angle bracket for handrail and intermediate rail (alternative to RBGCOR45/RBGCOR35)
7a RBGBASE250PE	plate for fastening to trapezoidal sheet metal, pitch 250 mm, perpendicular to the frets (excluding screws)
7a RBGBASE333PE	plate for fastening to trapezoidal sheet metal, pitch 333 mm, perpendicular to trapezoidal sheet metal (excluding screws)
7b RBGBASE250PA	plate for fastening to trapezoidal sheet metal, pitch 250 mm, parallel to trapezoidal sheet metal (excluding screws)
7b RBGBASE333PA	plate for fastening to trapezoidal sheet metal, pitch 333 mm, parallel to trapezoidal sheet metal (excluding screws)

CODE	description
RBGSUP110	straight upright H = 1105 mm groove Ø45 mm
8 RBGSUP118	straight upright H = 1182 mm groove Ø45 mm
RBGSUP115I	inclined upright H = 1157 mm groove Ø45 mm
CODE	description
9 RBGCAP	upright cap 68 x 28 mm groove Ø45 mm
10 RBGSCR4825	stainless steel self-drilling screw 4,8 x 25 mm
11 RBGSCR810	M8 x 10 mm grub screw included in the base
12 RBGTB	toe board 3000 x 150 x 19 mm
13 RBGTBCAP	cap for toe board H = 150 mm
14 RBGTBJUN	straight connector toe board H = 150 mm
15 RBGTBCOR	angle bracket for toe board H = 150 mm
16 RBGTBH	support for toe board H = 150 mm
17 RBGSCR4816	stainless steel self-drilling screw 4,8 x 16 mm

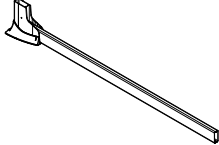
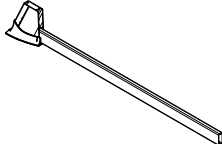
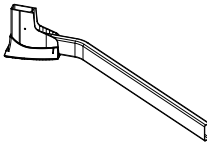
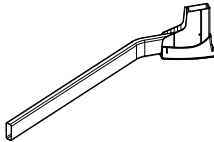
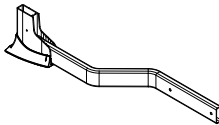
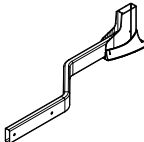
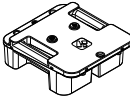
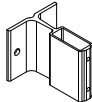
For wall fastening:

RBGWALL45	end element for handrail Ø45 mm
RBGWALL35	end element for round intermediate rail Ø35 mm
RBGWALLAL	aluminium end element for handrail and intermediate rail

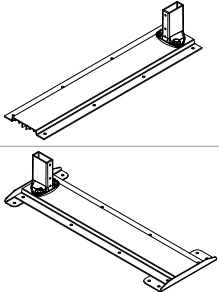
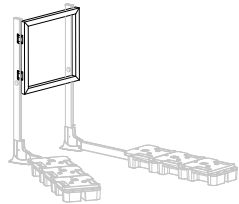
CODES AND DIMENSIONS

GROUP	CODE	description	pcs	
HANDRAILS AND INTERMEDIATE RAILS	RBGBAR45	Ø45 mm handrail with flush-mounted ring nuts L = 3000 mm	1	
	RBGBAR35	Ø35 intermediate rail with flush-mounted ring nuts L = 3000 mm	1	
	RBGBAR45F	handrail without flush-mounted ring nuts Ø45 mm L = 3000 mm	1	
	RBGBAR35F	handrail without flush-mounted ring nuts Ø35 mm L = 3000 mm	1	
	RBGCAP	upright cap 68 x 28 mm groove Ø45 mm	1	
UPRIGHTS	RBGSUP100	straight upright H = 1028 mm groove Ø45 mm	1	
	RBGSUP110	straight upright H = 1105 mm groove Ø45 mm	1	
	RBGSUP118	straight upright H = 1182 mm groove Ø45 mm	1	
	RBGSUP110F	pull-down upright H = 1105 mm groove Ø45 mm	1	
	RBGSUP100F	pull-down upright H = 1010 mm groove Ø45 mm	1	
	RBGSUP130	straight upright H = 1300 mm groove Ø45 mm	1	
	RBGSUP115I	inclined upright H = 1157 mm groove Ø45 mm	1	
TOE BOARD AND ACCESSORIES	RBGTB	toe board 3000 x 150 x 19 mm	1	
	RBGTBJUN	straight connector of toe board H = 150 mm	1	
	RBGTBCOR	angle bracket for toe board H = 150 mm	1	
	RBGTBCAP	cap for toe board H = 150 mm	1	
	RBGTBW	support for toe board H = 150 mm for GUARD W	1	
	RBGTBH	support for toe board H = 150 mm	1	
	RBGTBVD	bottom plate for fastening on projecting wall GUARD VD	1	

CODES AND DIMENSIONS

GROUP	CODE	description	pcs	
STANDARD BASES	RBGBASEW	base for self-supporting GUARD W straight with support leg	1	
	RBGBASEWI	base for self-supporting GUARD W inclined with support leg	1	
	RBGBASEWFCR	shank curved at right at 25° per angle	1	
	RBGBASEWFCL	shank curved at left at 25° per angle	1	
	RBGBASEWFR	shank with curve at right for folding railing	1	
	RBGBASEWFL	shank with curve at left for folding railing	1	
	RBGBASEWE	locking wedge for GUARD W (spare part)	1	
	RBGWEIGHT	plastic counterweight 12,5 kg for GUARD W	3	
	RBGBASEV	bottom plate for wall fastening GUARD V	1	
	RBGBASEVD	bottom plate for fastening on projecting wall GUARD VD	1	
	RBGDIST	spacer piece GUARD V-VD + 35 mm	1	
	RBGBASEH	bottom plate horizontal fastening painted grey GUARD H	1	
	RBGBASEZ	standard aluminium base Z for perimeter wall without insulation GUARD Z	1	

CODES AND DIMENSIONS

GROUP	CODE	description	pcs	
BASES FOR FASTENING ON TRAPEZOIDAL METAL ROOF	RBGBASE250PA	plate for fastening to trapezoidal sheet metal, pitch 250 mm, parallel to trapezoidal sheet metal (excluding screws)	1	
	RBGBASE333PA	plate for fastening to trapezoidal sheet metal, pitch 333 mm, parallel to trapezoidal sheet metal (excluding screws)	1	
	RBGBASE250PE	plate for fastening to trapezoidal sheet metal, pitch 250 mm, perpendicular to the frets (excluding screws)	1	
	RBGBASE333PE	plate for fastening to trapezoidal sheet metal, pitch 333 mm, perpendicular to trapezoidal sheet metal (excluding screws)	1	
ACCESSORIES	RBGCAP45	cap for handrail Ø45 mm	1	
	RBGCAP35	cap for intermediate rail Ø35 mm	1	
	RBGCOR45	angle bracket for handrail Ø45 mm	1	
	RBGCOR35	angle bracket for intermediate rail Ø35 mm	1	
	RBGWALL45	end element for handrail Ø45 mm	1	
	RBGWALL35	end element for intermediate rail Ø35 mm	1	
	RBGCORAL	aluminium angle bracket for handrail	1	
	RBGWALLAL	aluminium end element for handrail	1	
	RBGBASEHKIT	waterproofing kit for base GUARD H	1	
	RBGWEDGE	plastic wedge for shimming	1	
FASTENING SCREWS	RBGSCR4816	stainless steel self-drilling screw 4,8 x 16 mm	25	
	RBGSCR4825	stainless steel self-drilling screw 4,8 x 25 mm	25	
	RBGSCR4832	stainless steel self-drilling screw 4,8 x 32 mm	25	
	RBGSCR4850	stainless steel self-drilling screw 4,8 x 50 mm	25	
	RBGSCR627	self-drilling screw for stainless steel sheet 6 x 27 mm	25	
	RBGSCR810	grub screw M8 x 10 (spare part)	10	
	RBGSCRWAS	sealing washer	25	
SAFETY GATES KIT	RBGGATE600	safety door 500 mm height with hinges assembled L = 600 mm	1	
	RBGGATE1100	safety door 500 mm height with hinges width L = 1100 mm	1	
MANUALS	RBGUARDHMAN	manual for GUARD H	1	
	RBGUARDVMAN	manual for GUARD V	1	
	RBGUARDMMAN	manual for GUARD M	1	
	RBGUARDZMAN	manual for GUARD Z	1	
	RBGUARDWMAN	manual for GUARD W	1	