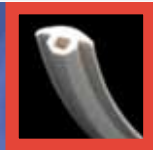# 4100

G-RAIL®

ALUMINIUM RAIL

> *by Goelst*

G-Rail 4100 is a strong, functional and fully reversible profile.
Conforming to HTM66, series 4100 offers a comprehensive range of accessories to suit all fixing possibilities. Elegant in design and function 4100 is suitable for use with up-lighters for improved ambient hospital ward lighting. Synthetic wall and ceiling fittings allow rail 4100 to comply with the European NEN-3134 standard for special care rooms requiring anti-static facility.
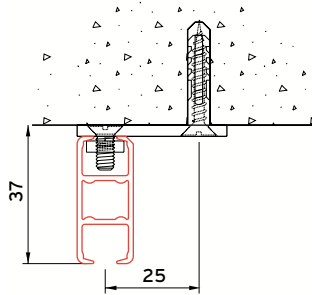
Standard colours: White RAL 9010, natural.

4100 > Cubicle rail
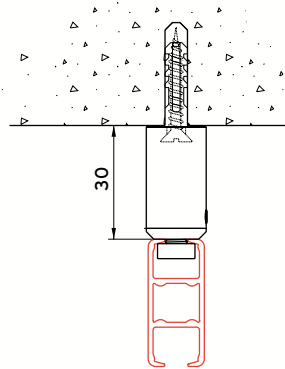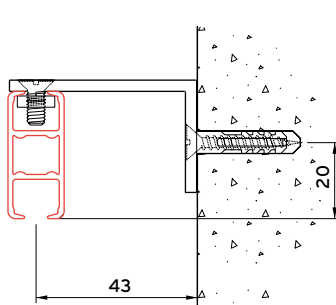priv

Installation

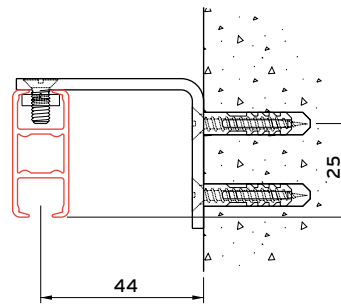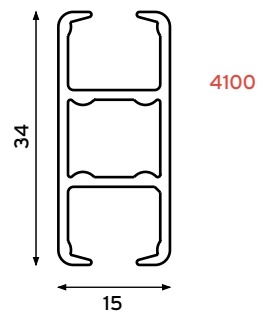ceiling fixing with plate 4135

ceiling fixing with mini suspension hanger 4254

wall fixing with bracket 4141

wall fixing with bracket 4140

4100

34
15

Material:
Aluminium 606035-T6-F22. (Higher specification than DIN 1725).
Shape and size tolerances are in accordance with DIN 17615.
Satin silver anodised / powder coat white RAL 9010 in accordance with the Qualicoat standard. Special colours available on request.
Profile weight: 394 g/m.

Accessories:
Glider-hooks 4008 (rotating glider with SS hook) at 10 per metre, two end stops 4002 per length. Dust cover 4145 and connecting bridge 4165 to suit.

Installation:
Ceiling fixing with 4135 ceiling fixing plate, 4254 mini suspension hanger, 4155 suspension hanger, 4160 or 4161 V hanger, 4064 strut hanger with plate.
Wall fixing with 4150 wall support, 4141 wall bracket or 4140 plexiglass wall bracket.

for **room dividing** and
acy in the healthcare se

4159-A-W

85
100
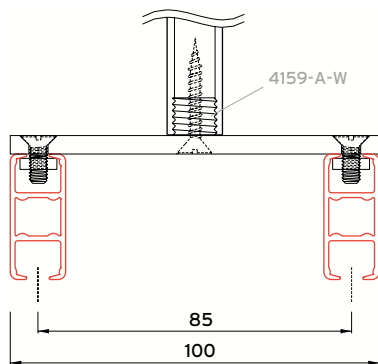
parallel rail fixing with bridging plate 4116-10

40
23
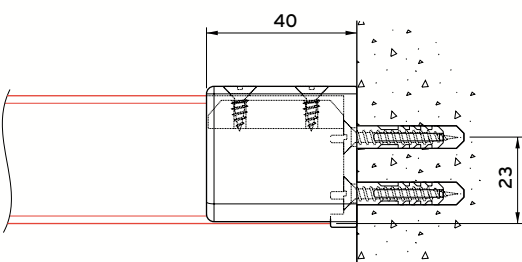
wall fixing with bracket 4150

This system can also be mounted with anti-ligature Load Release components, to provide a controlled system collapse.

NEN-3134: Isolated fixing in S3 (anti-static) rooms.
Ceiling fixing with suspension hanger 4155 (using synthetic ceiling stud 4156), wall fixing with plexiglass wall bracket 4140 and synthetic wall support 4150. An earth cable needs to be connected.

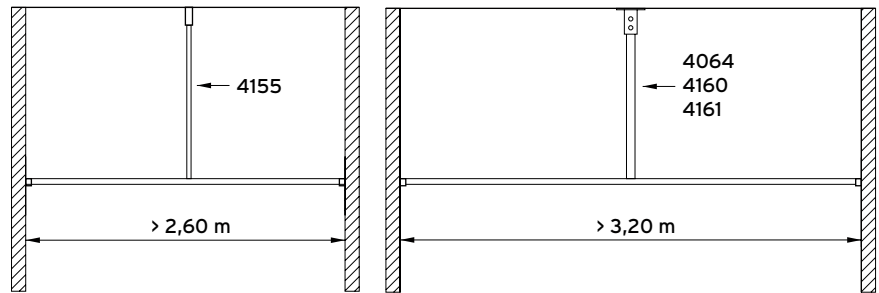Bracket distance in accordance with G-Standard or the following table:

light	medium	heavy	(curtains)
240*)	180*)	120 cm	

*) Please take into account the lateral deflection within the rail. This effect can be reduced by using a V-hanger or strut-hanger with fixing plate.
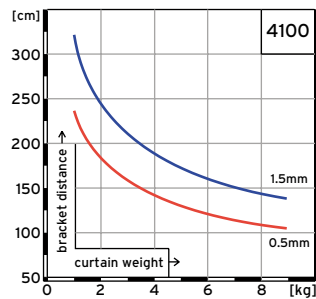
Bending:
Minimum radius 20 cm, using bending machine 1015.

Product example

This picture shows when a 'strut-hanger' (4064) or V-hanger (4160/4161) is used and when a vertical suspension hanger (4155) is sufficient.
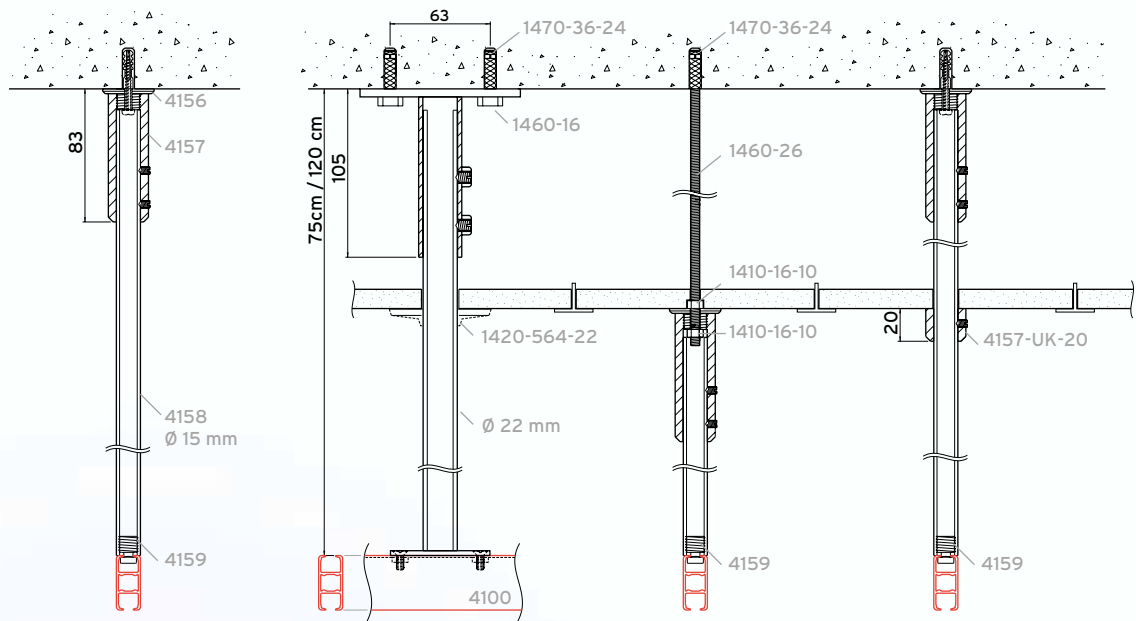
G-Standard (bracket fixing guide)

ctor.

Installation (continuation)

63 1470-36-24   1470-36-24

4156
4157
83

75cm / 120 cm
105
1460-16
1460-26
1410-16-10
1420-564-22   1410-16-10
20   4157-UK-20

4158
Ø 15 mm
Ø 22 mm

4159   4100   4159   4159

ceiling fixing with suspension hanger 4155

ceiling fixing with strut hanger 4064 through suspended ceiling tiles

ceiling fixing with suspension hanger 4155 and M6 threaded rod through suspended ceiling tiles

ceiling fixing with suspension hanger 4155 through suspended ceiling tiles with dummy ceiling support 4157-UK-20 (or ceiling rose 1420-555-15)
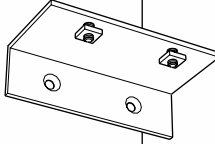
4159: Synthetic thread M12.

Product example

4150   4150   4150

4150
4100

infusion rail
4130   4155   4130   4155   4130   4155
4150

4155   4155   4155
4100   4165   4165   4150

4100
x
R 20 cm
R 30 cm
4165
30 - 50 cm
4155   4155   4155
4130
250 cm   230 cm   4150

4150   4150   4150
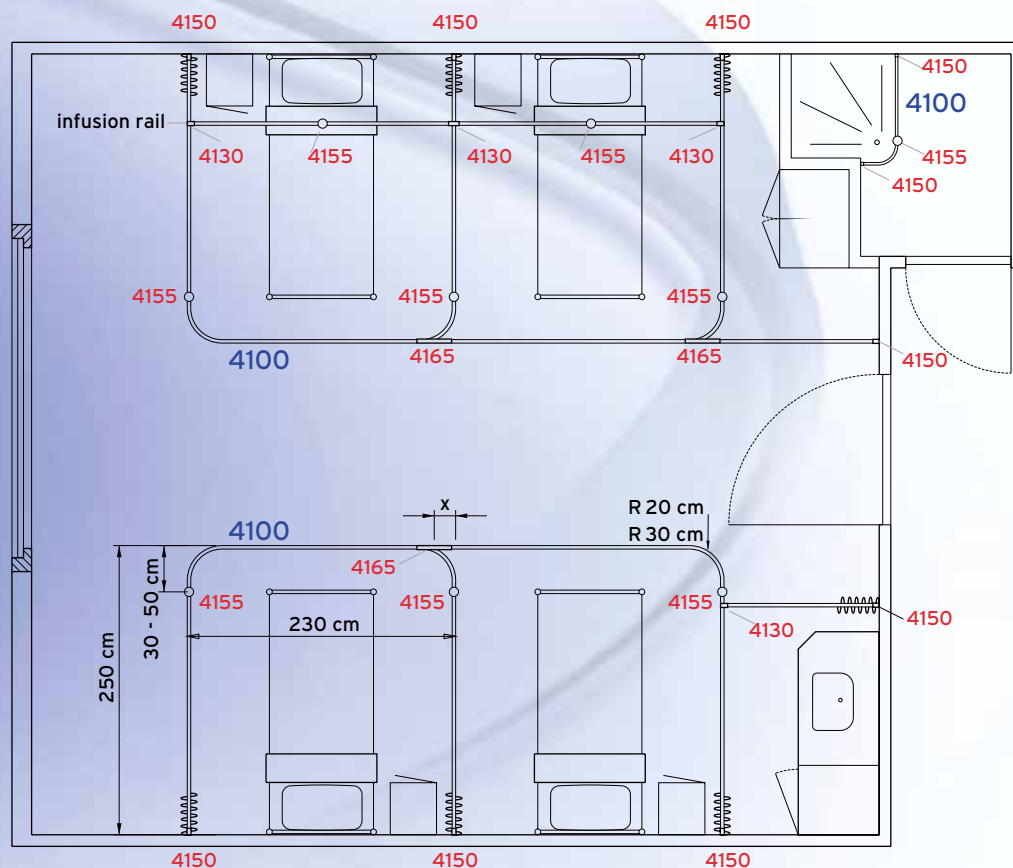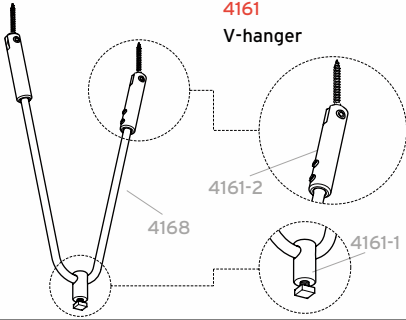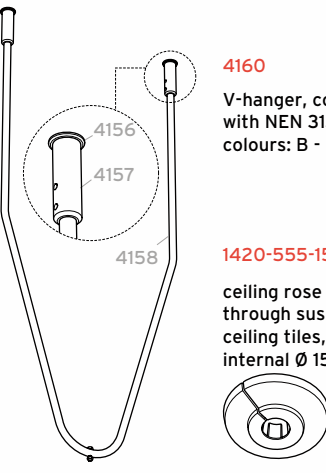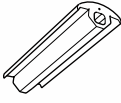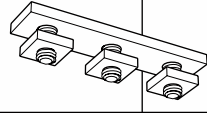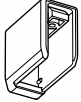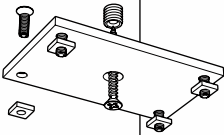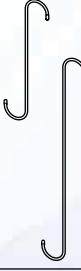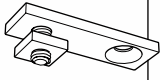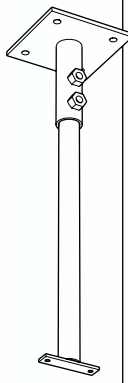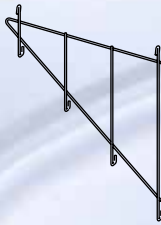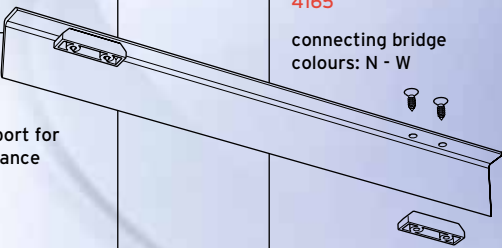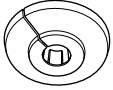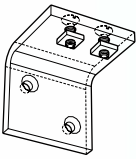
x = connecting bridge over-sail   25 cm   at R30
                                      13,5 cm   at R20

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Components

Product design and specification changes reserved.

CURTAIN TRANSPORT

4002 — end stop

4003 — spring stop

4007 — rotating glider

4008 — rotating glider with SS-hook

4013 — rotating glider with ring for 4180 and 4181

4161 — V-hanger
4161-2
4168
4161-1

4160 — V-hanger, complies with NEN 3134
colours: B - N - W
4156
4157
4158

1420-555-15 — ceiling rose when fixing through suspended ceiling tiles, internal Ø 15 mm
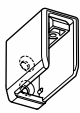
4141 — wall bracket
colours: N - W

ACCESSORIES

4145 — dust cover
colours: B - GR - W

4130 — T-junction for right angle connections
colours: N - W

4153 — end cover
colours: GR - W

4170 — curtain holdback with fixing plate
colours: N - W

CEILING MOUNTING

4155 — suspension hanger, complies with NEN 3134
colours: B - G - N - W

componentry when fixing through suspended ceiling tiles:
1420-555-15 ceiling rose   **4157-UK-20** dummy support

4064 — strut hanger, inclusive of fixing screws and Ø 22 mm ceiling rose (scan plate) when fixing through suspended ceiling tiles
colours: GR - W

ceiling rose 1420-564-22 (inclusive) internal Ø 22 mm

4116-10 — bridging plate with hole
4116-20: without hole
colours: N - W

4135 — ceiling fixing plate
colours: N - W

4254 — suspension hanger 3 cm
colours: B - G - N - W

WALL MOUNTING

4150 — wall support, complies with NEN 3134
colours: GR - W

4140 — plexiglass wall support for mounting in accordance with NEN 3134

4181-30 — infusion hook 30 cm

4181-50 — infusion hook 50 cm

4180 — infusion bottle hanger

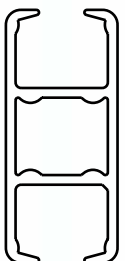**4165** — connecting bridge
colours: N - W

PRIVACY RAIL SYSTEMS
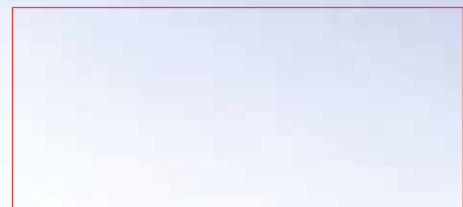**# 4100**

B = Brown
G = Gold
GR = Grey
N = Natural
W = White

◤ = standard item
NEN 3134: anti-static legislation

G-RAIL®

4100

Space for dealer address

06/2003