

Avail

Accessible  
Bathrooms  
2024 B

FULL PRODUCT  
GUIDE

WWW.AVAIL.DESIGN

# CONTENTS

## ABOUT US:

AVAIL STORY	4
MANUFACTURING AND WARRANTY	5
ADAPTABLE BATHROOMS	6
AS1428.1 BATHROOMS & WALL REINFORCEMENT	7
CUSTOMER STORIES/CASE STUDIES	8
COLOURS AND SAMPLES	10

## INSTALL GUIDES:

ASSISTED LIVING BATHROOM INSTALL GUIDE	12
AMBULANT TOILETS INSTALL GUIDE	18
AS1428.1 DDA ACCESSIBLE BATHROOM INSTALL GUIDE	20
NZS4121 ACCESSIBLE BATHROOM INSTALL GUIDE	24

## PRODUCT LIST:

SUPPORTS	26
CALIBRE MECCA GRAB RAILS, TAPWARE, ACCESSORIES	29
CALIBRE MECCA 32 GRAB RAILS	30
CALIBRE MECCA 25 GRAB RAILS	45
MECCA TAPWARE AND ACCESSORIES (NON-WEIGHT BEARING)	53
ROBE HOOKS, SHELVES, HEATED TOWEL RAILS, TOILET ROLL HOLDERS	53
WALL AND BASIN MIXERS, SENSOR MIXERS, KITCHEN MIXERS	63
BATH SPOUTS, HAND AND OVERHEAD SHOWER HEADS	77
GLANCE YORK GRAB RAILS, TAPWARE, ACCESSORIES	87
LIBERTY SHOWER SEATS AND BACKRESTS	101
BATHROOM FIXTURES	110
TOILETS, CISTERNS, FLUSH PANNELS	111
DRAIN WASTES	117
GLASS HARDWARE	119
WASHBASINS, SINKS	124

QUOTE OR PURCHASE ONLINE



Above: Calibre Mecca Grab Rails Left 32mm diameter, Right: 25mm  
Below: Calibre Mecca Double Towel Grab Rail Brushed Brass Gold PVD



# AVAIL DESIGN

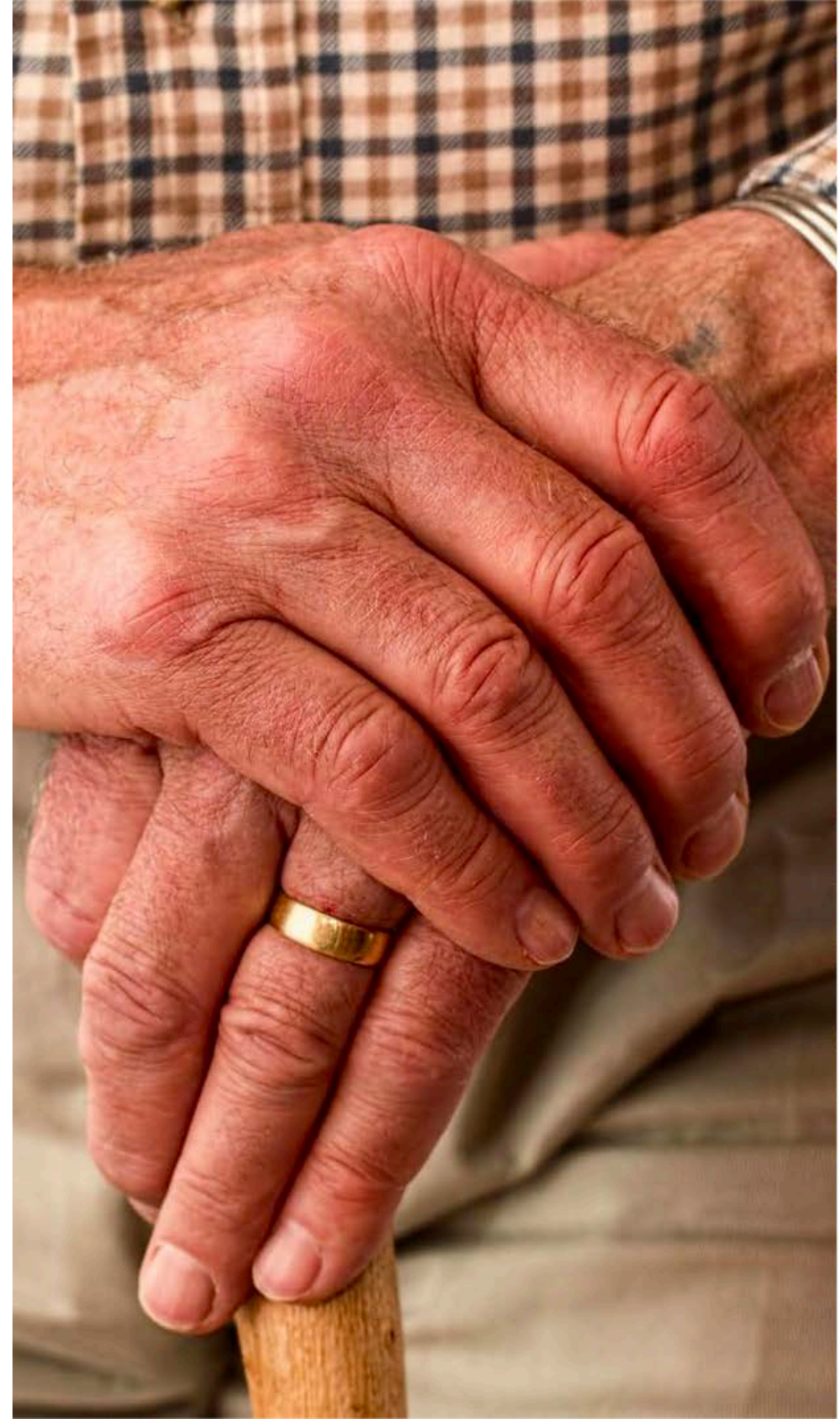
The Avail range creates the ultimate solution for any accessible bathroom, offering both practicality and style. Make a lasting impact with Avail, the new standard for accessible bathroom design.

Avail grab rails, shower seats, tapware and accessories provide support for getting on and off the toilet, stability in the shower, getting in and out of the bathtub and navigating small sets of stairs in both private and public AS1428.1 compliant bathrooms. They are beautifully designed to complement your stylish decor.

Our grab rails increase safety and maintain independence in private homes, workplaces, accommodation and public bathrooms. Accessible, compliant bathrooms that meet the highest safety standards. With unbeatable strength, modern design, and easy installation, Avail products offer unparalleled safety and dignity for all.

We supply over 2500 products with our rail colors matching Nero tapware perfectly.

This product guide showcases our grab rails and shower seats along with a selection of popular bathroom accessories.



# AVAIL STORY

As I watched my grandparents age quickly over recent years, they began to struggle to move around their house. They refused to have grab rails installed because of the stigma attached with the stale hospital looking rails available. My grandpa had a minor stroke during this time and could no longer hold his balance and was moved into aged care. It was a gloomy time and I didn't know how I could really help. Inspired by two nurses, my late partner Breanna and my Nan, I went searching.

In 2016 while working as a Product Design Engineer I was approached by an Occupational Therapist friend who spoke of the requests from her clients for more attractive home care products. From there in my parents unused dairy shed Avail began with the redesign of the grab rail to modernize their style, ergonomics an installation. We collaborated with a range of healthcare professionals, builders and one of Australia's leading universities to ensure we would provide world class accessible products and solutions.

We now help a wide range of customers including home owners, architects, occupational therapists and developers across Australia and New Zealand with all types of projects including private homes, NDIS, MAC, AS1428.1 DDA, SDA, TAC, DVA and more. We have collaborated with innovative companies like Nero Tapware in 2023 so we can now provide a market leading warranty along with a huge range of the most popular tapware and accessories. Our design focus is to provide our customers with ergonomic products that prevent injury and are an attractive feature in homes and public spaces. Dave Sayers, founder.



PROVIDING A HELPING HAND, WITH STYLE

# MANUFACTURING

Highest Quality Products with Market Leading Warranties on Grab Rail and Tapware Finishes.

- In House Exclusive Designs
- Latest PVD coating technology
- Short dispatch lead times



Australian Owned and Designed, Calibre Organic Brass Rails are all Manufactured in Melbourne from locally sourced materials.



Melbourne Design Show 2023 - Nero Launch

In 2023 Avail partnered with Nero Tapware to gain access to the latest PVD coating technology and highest quality manufacturing. Nero currently manufacture our grab rails in 6 finishes and provide a market leading warranty. Due to their family owned manufacturing, Nero are able to quickly innovate and improve their product quality and designs to stay at the front of the market trends.

Avail also manufacture a range of our products inhouse using Australian suppliers. All of our Calibre Organic Brass rails are made by Avail in Melbourne. We also customize products in house and have completed a range of personalized designs for customers.



## ADAPTABLE BATHROOMS

Avail grab rail wall brackets are designed to be easily removed and replaced as needed, without any power tools. Our innovative design enables customers to quickly adapt a bathroom to suit their needs. You can remove a backrest for a commode or add an extra rail to assist a shower seat user. All you have to do is simply loosen the grub screw and quickly change out the grab rail for another accessory.

### TYPES OF RAILS

1

Single supports like a weight bearing toilet roll holder or towel rail provide support to help keep your balance.

2

Horizontal rails help you push yourself up and keep your balance.

3

Angled rails help you pull forward and push down, and the rail stays within comfortable reach as you sit down and stand up.

32mm rails are approved for both public and private bathrooms while 25mm diameter rails are great for smaller hands or as strong towel rails in homes and spaces like a Childcare or hotel. Both have the same 150kg capacity.

# AS1428.1 COMPLIANT BATHROOMS

Avail rails, shower seats and backrests have been independently tested and our 32mm rails are all approved to AS1428.1 and are rated to 150kg when installed correctly.

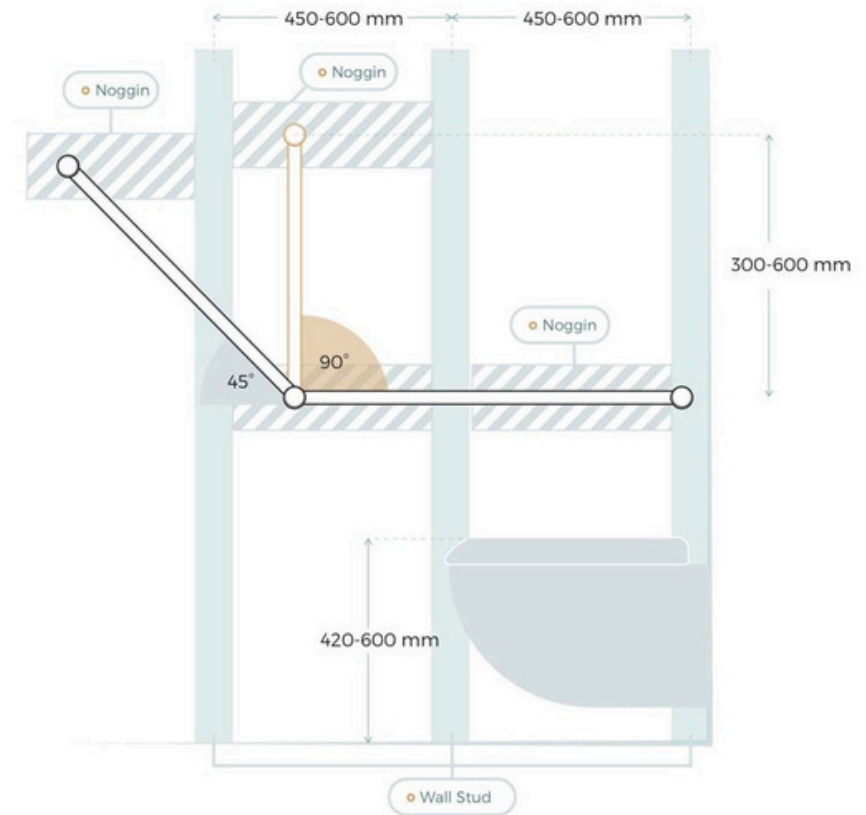
NATA Accredited Certificates are available on our website and by request.

Australian Standard AS1428.1-2009, 2021 Design for Access & Mobility Approved

Tested by a NATA accredited laboratory Novitatch



## WALL REINFORCEMENT



## Installation

Many of the dimensions in this guide have been transcribed from the AS1428.1 'Design for Access and Mobility' grab rails and shower seats. Some dimensions in the standard have been specified to the top of the grab rail. Our dimensions are to the centre to allow easier understanding for installation.

When installed in the correct locations our products meet all requirements of the National Construction Code NCC.

The rails and seats are only as strong as the wall they are installed onto.

Calibre grab rails are modular in design allowing modification on site to suit each bathroom. The rails can be quickly cut down to any size in each direction to suit wall studs or personal preference.

To comply with AS1428.1, grab rails and shower seats must meet the minimum required load capacity of 1100N (approx. 110kg) in each direction. Uninterrupted passage of the hand is required for the full length of the angled, horizontal or vertical sections of the rails (a mounting point at the change in direction is compliant).

To achieve the weight rating, stud walls may require reinforcing with timber noggins between wall studs. If access can be gained from the other side of the wall this can save pulling tiles off. If the wall is masonry or brick, screws and wall plugs may be used.

# EDGE LUXURY VILLAS

## CASE STUDY - ACCOMMODATION

### Accessible Accommodation in Margaret River, Western Australia 2023 - Aged Brass DDA Toilet and Shower

This beautiful new accommodation by Edge Luxury Villas in the Margaret river region was completed with our Aged Brass grab rails, backrest and shower seat. By providing accessible accommodation the rooms are able to support a much wider range of customers.

Avail products in the shower:

- Aged brass T bar grab rail
- Hand shower set
- 960mm wide shower seat

For the toilet:

- Grab rails 90 degree on the side wall
- 300mm on the back wall
- Toilet backrest for DDA AS1428.1 compliant toilets

These Aged Brass grab rails were made by Avail using Melbourne suppliers, with over 80% of the brass material being Australian made.



Lauren Trickett Photography

“ I purchased several Avail products from you last year, they are now installed and look incredible. ”

Edge Luxury Villas





# LDK GREENWAY

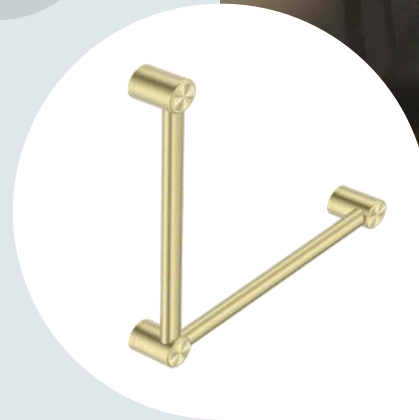
## CASE STUDY - SENIORS LIVING

Winner of The Urban Developer Awards  
Development of the year 2020  
- Retirement, Aged Care and Senior Living

The stunning new LDK Aged Care has become the gold standard for assisted living with their carefully designed apartments and facilities.

LDK have used Avail Brushed Gold grab rails in their common areas for both the ambulant toilets and wheelchair accessible bathrooms. They have also installed Calibre Ergo 600mm towel/grab rails in each of their assisted living units to support residents.

The first thing people generally reach for when slipping in the bathroom is the towel rail, so providing weight bearing ergonomic towel rails will prevent injuries and damage to the bathroom.



“ People are very proud no matter what their age or circumstance and no one wants their home to look like a therapy centre. Thankfully Avail provide a really great looking solution to help mobility and independence. ”  
We love them.

Project manager  
LDK Greenway Views

**LDK Healthcare**

# Avail Finishes

Our finishes match with Nero Tapware and use the latest PVD technology for market leading warranties. Please contact us for samples if matching to other brands. Bespoke finishes and designs are available on request and we can send through accurate quotes and product information.

**Please note, check lead time before ordering, most finishes we carry 6 months worth of stock, brass finishes may require a few weeks to prepare.**



## Chrome | Code: C

A Chrome finish to match in with all tapware new and old



## Matte Black | Code: MB

A sleek, dark finish that provides a strong contrast to lighter surfaces. The ever popular Matt Black matches leading bathroom tap ware finishes.



## Brushed Brass Gold PVD | Code: BG

The brushed warm 18 Carat Golden tones create a stunning warm appearance.



## Gunmetal PVD | Code: GM

The shadowy charcoal offers a lighter matte finish.



## Brushed Nickel (Stainless Steel) | Code: BN

A warm Grey textured appearance offering a subtle matte look. This natural finish gives the identical appearance of Brushed Nickel using a stainless steel material ensuring it will last a lifetime.



## Brushed Bronze PVD | Code: BZ

The brushed earthy tones of Bronze creates a natural warmth. This new finish is quickly becoming one of the most popular.

## Australian Made Brass Finishes:



## Organic Brushed Brass Coated | Code: BB

Warm up the bathroom with the lux Brushed Brass finish. This comes in living brass or clear coated. The living Brass can be re brushed or polished to retain the original look or left to age naturally. Australian made by Avail



## Organic Brass Aged Medium or Dark Living | Code: BML or BDL

This is a living finish aged by Avail to a darker Bronze colour. We can colour this to suit your tapware The Brass may have slight imperfections compared to PVD. Australian made by Avail



## Mix and Match | Code: Custom

We can create a range of bespoke options for you. Other finishes including Bronze, Brushed Chrome, Pearl Black, Antique Brass or a mix of finishes for Grab Rails are available on request.

# Samples & Product Selection



## Colour Sample Plate

- Sample size: 80 x 30 x 2mm

	Cover Colour	Code
	Chrome	NR514234CH
	Brushed Nickel	NR514234BN
	Matte Black	NR514234MB
	Gun Metal	NR514234GM
	Brushed Gold	NR514234BG
	Brushed Bronze	NR514234BZ
	Aged Brass	SAMPLEAB
	Brushed Brass	SAMPLEBB
	Graphite	NR514234GR
	Matte White	NR514234MW
	Full Colour Set	NRCB2022
	Product Brochure	BROCHURE

## Product Information

- Brochures, Colour sets and product samples are available for all customers



# Common Questions

Here are some answers to common questions:

**Strength:** 150kg capacity on all Avail grab rails and seats (the industry standard is 110kg). This is not necessarily the weight of the user but the weight that can be placed on the rail or seat.

**Grab Rail Diameter:** Private homes can use either 25 or 32mm diameter, 32mm are required in Public AS1428.1 compliant accessible bathrooms.

**Funding:** You may be eligible for funding for purchase and installation through NDIS, My Aged Care, TAC or other organisations and government grants, you can contact your local provider or GP for more info.

**For my home or village unit** what can I choose? Any product that best suits you. 25 or 32mm grab rails, toilet support and shower seats in any size are available. An occupational therapist can come to your home to help you find the best solution for your personal needs. Please refer to the Assisted Living Guide within the catalogue for more information.

**I am an NDIS participant.** Can I use Avail grab rails?

Yes, we supply our grab rails in both 25mm and 32mm diameters to NDIS Participants all over Australia. We are happy to provide a quote to you with your NDIS number, or we can liaise with your Occupational Therapist.

**For my public accessible bathroom** (restaurant, office, hospital, hotel, school) what can I choose? You are limited to the 32mm diameter grab rails and specific sizes and locations are required for grab rails, seats and toilets. The 25mm grab rail range can be used for towel rails in bathrooms that don't require AS1428.1 compliance. Refer to our commercial Ambulant and DDA bathroom guides below, these are transcripts from the AS1428.1 and must be followed to ensure compliance.

**Installation.** Who should I use to install them?

We recommend that you use a registered builder, or tradesperson to install your grab rails. Our Calibre Grab rails can be cut to size during installation and recommend you consult the installer before purchasing. You can also visit our website we have a range of recommended installers available across Australia.

Many people take the opportunity to install Avail grab rails when they are renovating a bathroom because they can ensure that they are covered for the future, and haven't had to compromise on style. The elegant design of the grab rails means that you have the functionality available to you if and when you need it.

See our website for more Q and A or you can contact us on [info@avail.design](mailto:info@avail.design) with any questions.

“ We wanted a beautiful family bathroom and that’s exactly what we achieved.

-Jodie-

”



## ASSISTED LIVING

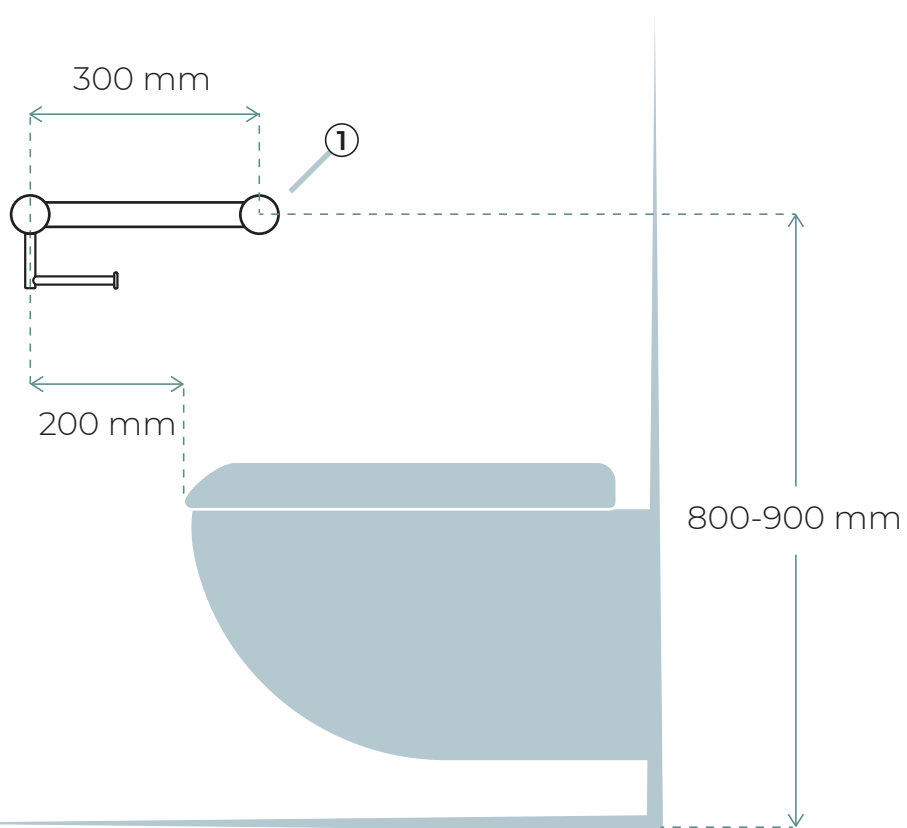
We have selected an ergonomic range of products for your home to help create personalized and accessible bathrooms. This range is suitable for private homes, standard accommodation and independent living spaces. You can choose either 25 or 32mm diameter grab rails to suit your hand size and design preference.

To assist with your stylish accessible design, we have included some bathroom design examples here that were created in consultation with Occupational Therapists.

## ASSISTED LIVING TOILET RAILS



### FRONT VIEW

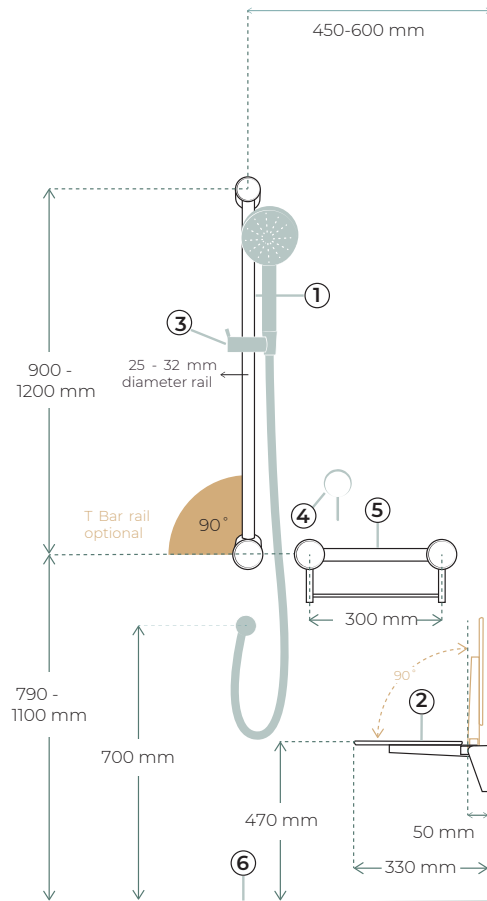


- 1 Calibre Grab Rail with Toilet Roll Holder or Heavy Duty Holder P-44

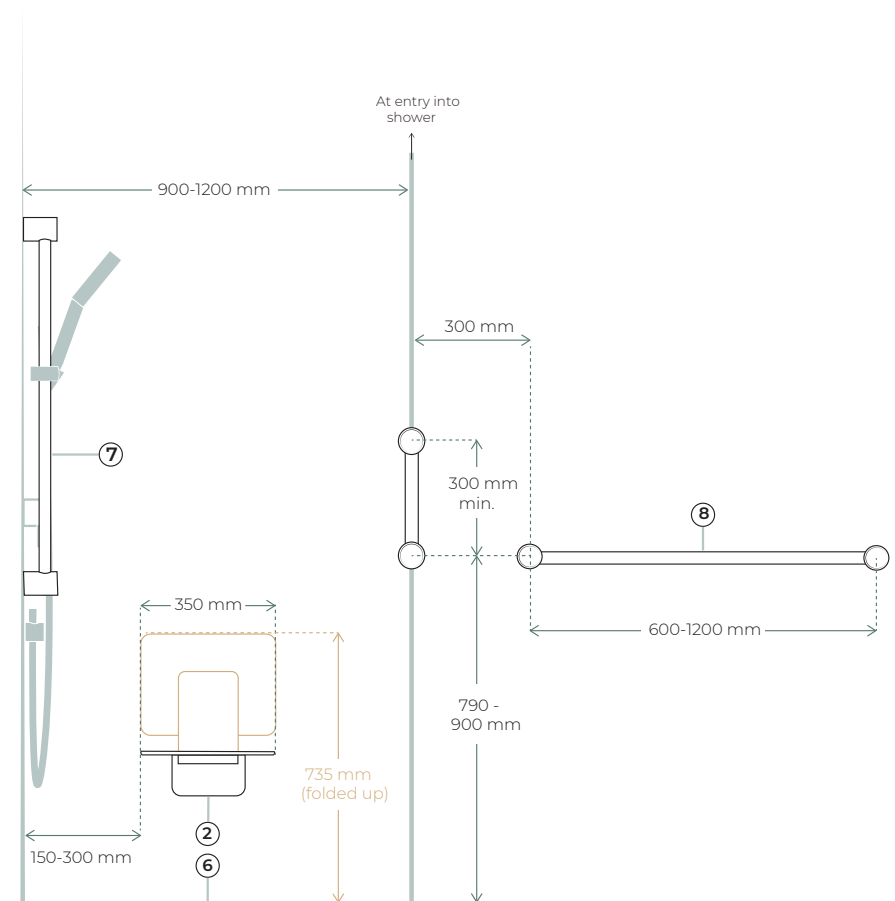




## FRONT VIEW



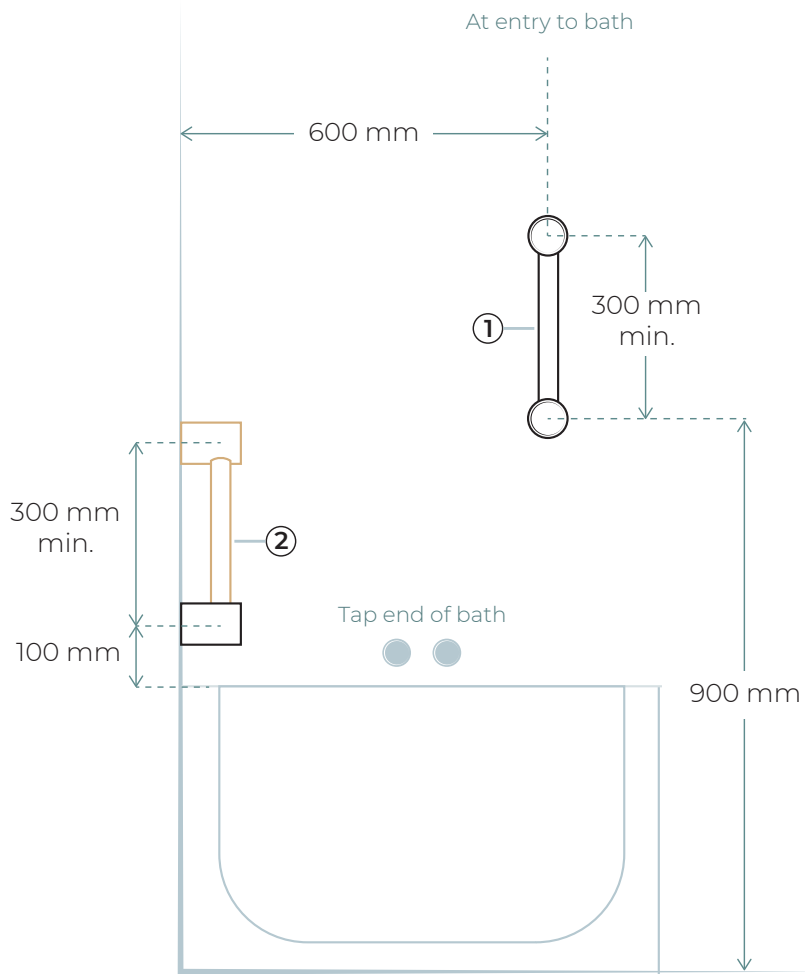
## SIDE VIEW



- ① Grab Rail and Hand Shower 900 (NRCS004) P-51
- ② Shower Seat 350 Wide (S01A) P-103
- ③ Slider For Calibre Mecca 25mm Grab Rail And Adjustable Shower Rail Set (NRCS004sl) P-52
- ④ Wall Mixer Tap (NR221911X) (Optional Diverter to Overhead) P-63
- ⑤ Calibre Mecca 25 Grab Rail with Shelf 300 (NR22512C) P-48
- ⑥ Floor Waste (NRFW002) P-118
- ⑦ Mecca Hand Shower (NR221905F) P-67
- ⑧ Double towel grab rail or single 25 grab rail (NR22524D) P-50

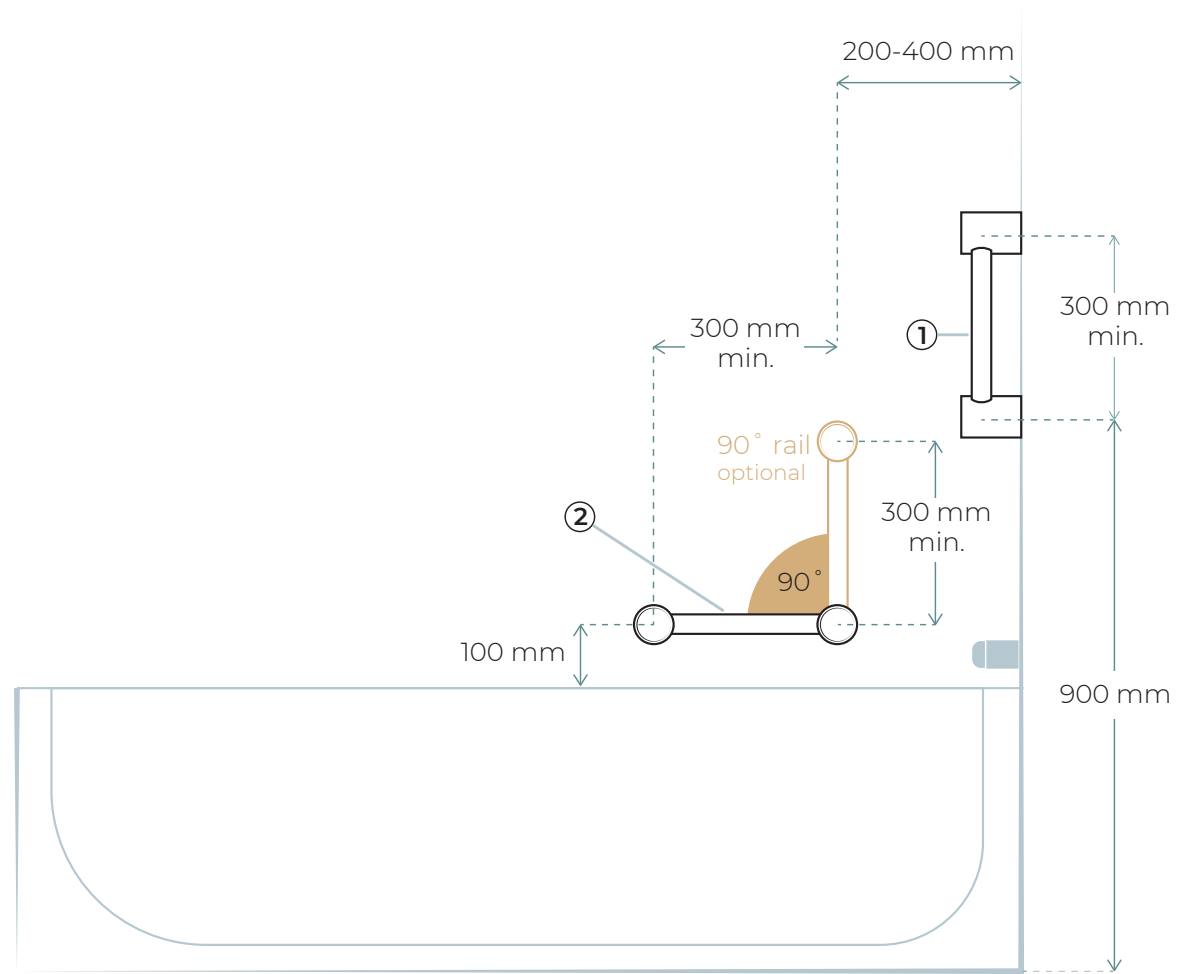


FRONT VIEW



① Calibre Ergo or Mod Grab Rail P-30 or 45

SIDE VIEW

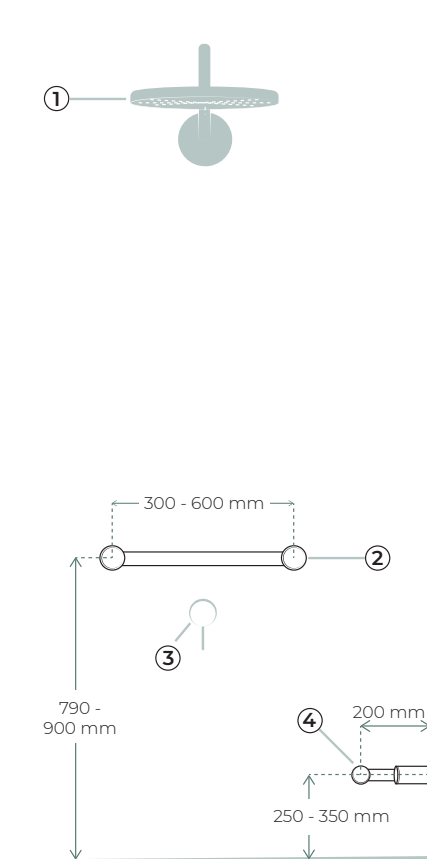


② Ambulant 90 Degree Angled Grab Rail P-37



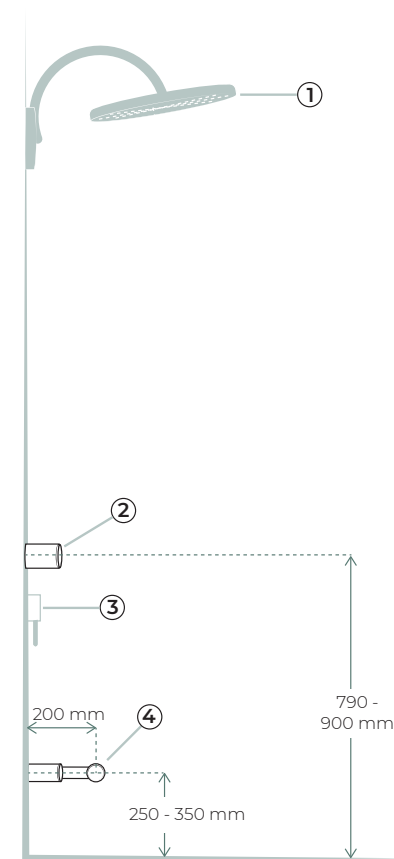


## FRONT VIEW



- ① Twin Shower or Rail Shower P-67
- ② Caibre Grab Rail 32 or 25mm P-30 or 45

## SIDE VIEW



- ③ Wall Mixer Tap (NR221911X) (Optional Diverter to Overhead) P-63
- ④ Calibre Footrest/Corner Rail (NR2508W) P-51



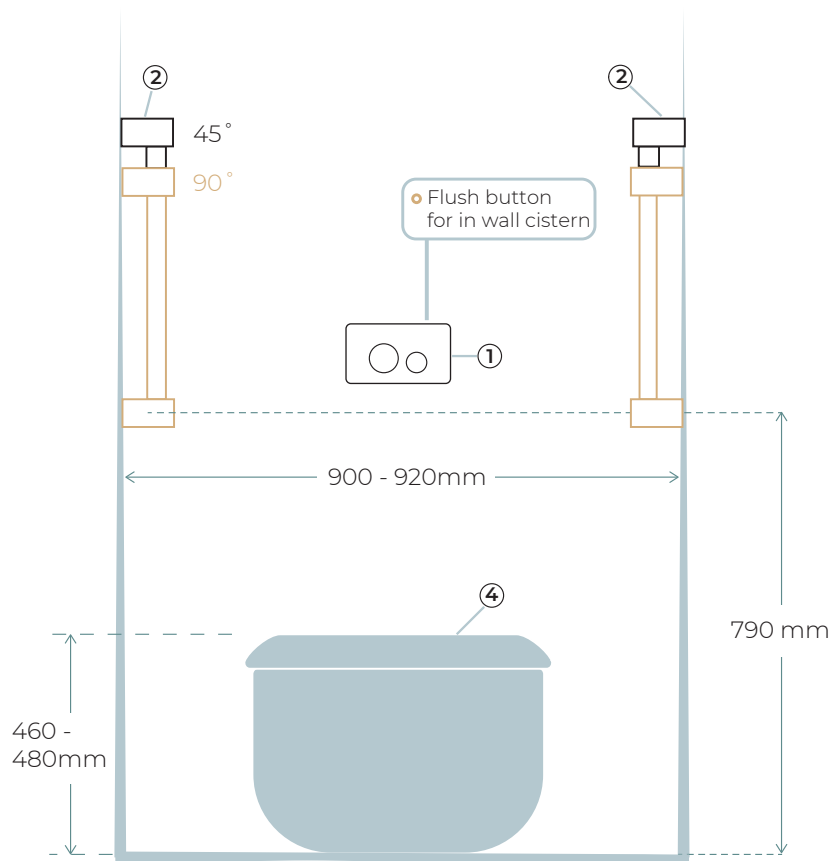
## AS1428.1 AMBULANT TOILET RAILS

Ambulant grab rails are required in both male and female public toilets and commercial toilet facilities. Both left hand and right rails are required for Ambulant toilets. Our add on toilet roll holder is suitable for left or right hand rails.

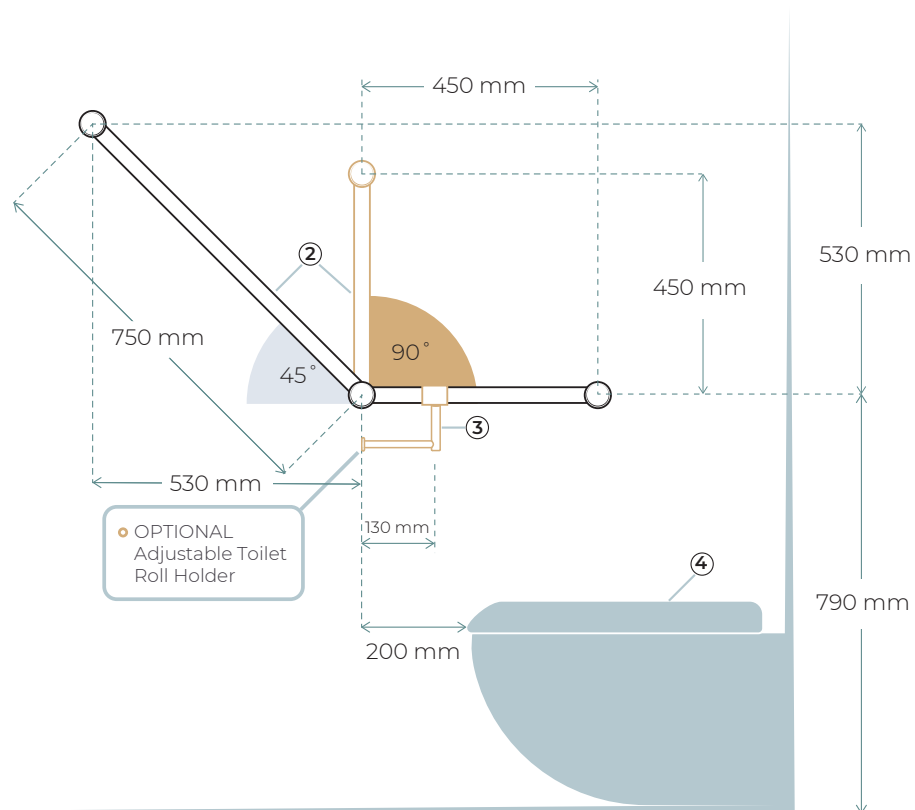
Avail Ambulant 32mm diameter grab rails and seats are all compliant and approved to AS1428.1.



FRONT VIEW



SIDE VIEW

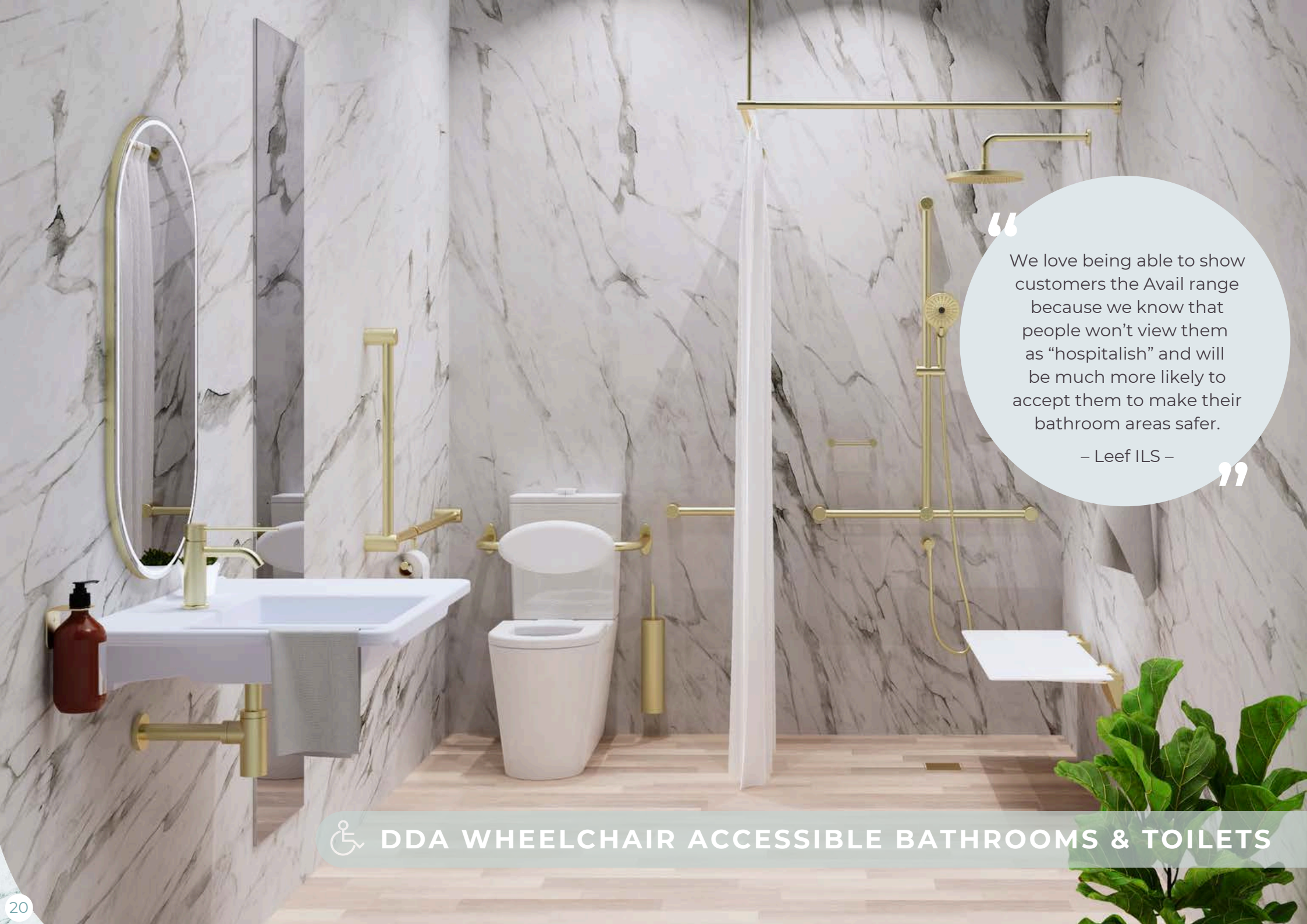


① In wall flush button - Standard P-111

② Ambulant 45 or 90 Degree Angled Grab Rail P-37

③ Add on toilet roll holder P-44 (or Wall Mounted)

④ Ambulant Toilet Suite (In wall or Standard cistern) P-115



“  
We love being able to show customers the Avail range because we know that people won't view them as “hospitalish” and will be much more likely to accept them to make their bathroom areas safer.  
– Leef ILS –  
”



## DDA WHEELCHAIR ACCESSIBLE BATHROOMS & TOILETS



## AS1428.1 DDA WHEELCHAIR ACCESSIBLE PUBLIC BATHROOMS & TOILETS

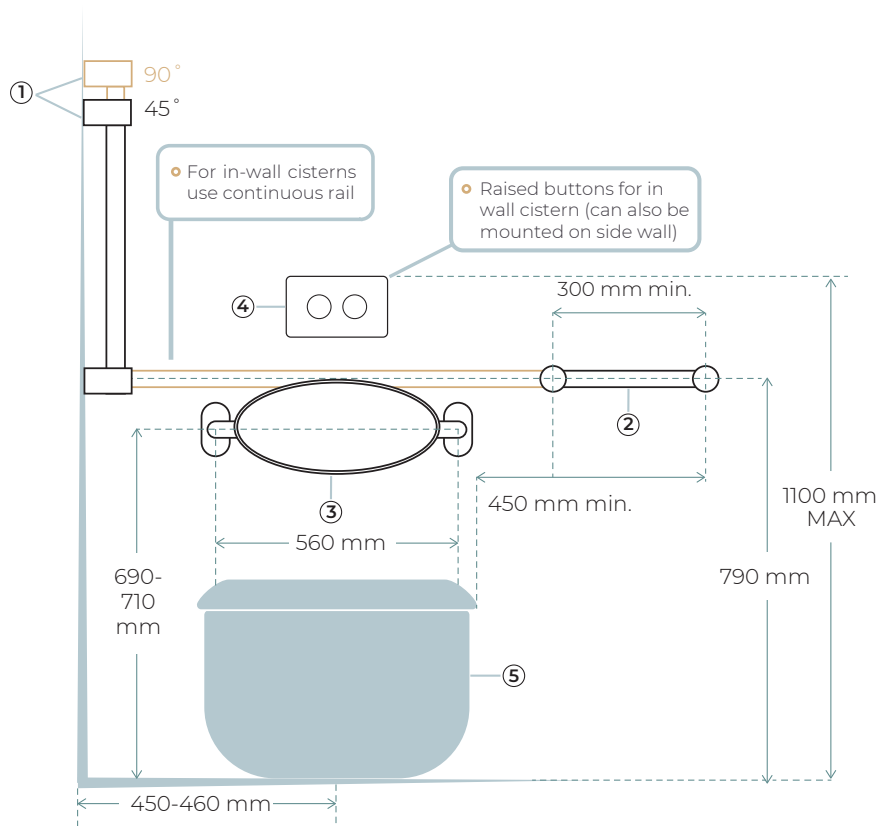
AS1428.1 DDA rails are designed for wheelchair users in Australian public sanitary spaces. The following dimensions have been transcribed from the Australian standard.

Avail DDA 32mm diameter grab rails, shower seats and toilet backrests are all compliant and approved to AS1428.1.

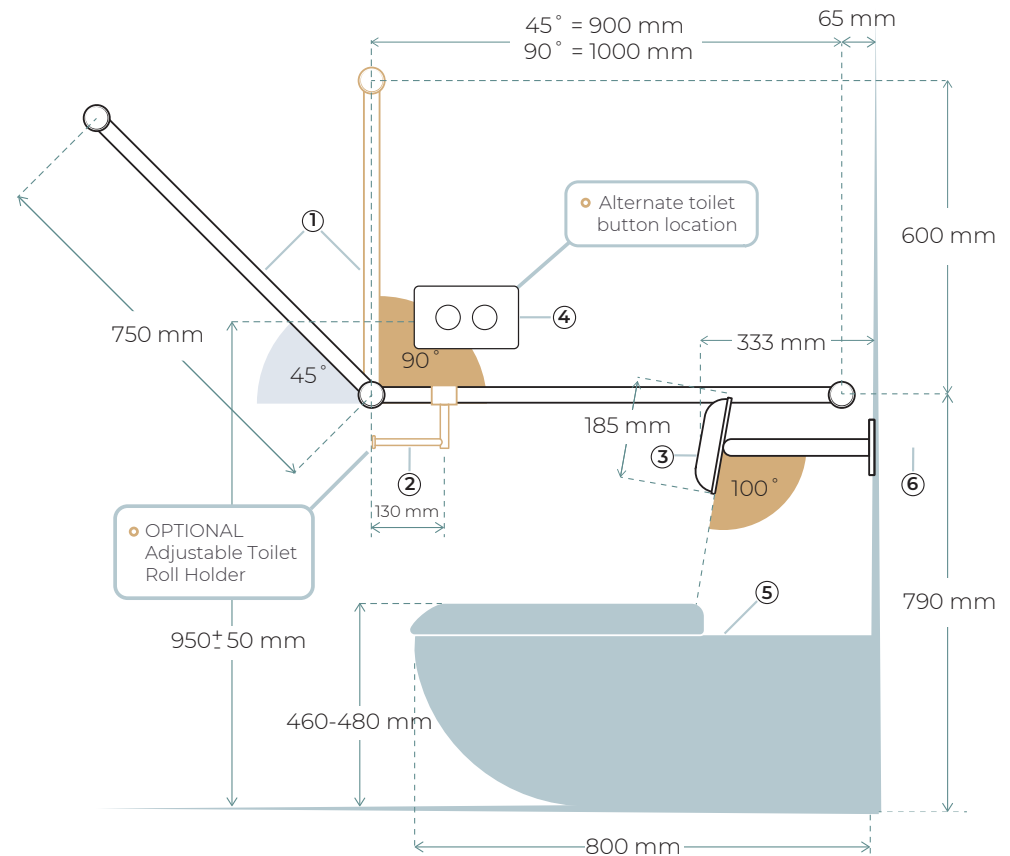
NATA Accredited test lab reports are available on our website or by request.



FRONT VIEW



SIDE VIEW



- 1** DDA Toilet Grab Rail 45 or 90 degree P-39
- Continuous for in wall cistern (R01CD45 or 90)
  - Side and Rear rails for wall mounted cistern (R01AD45 or 90)

- 2** Add on Toilet Roll Holder (NRCR3286T) P-44 or Wall Mounted

- 3** Toilet Backrest (R01R1) P-108

- 4** Raised Flush Buttons for In Wall Cistern (NRCRPL002) P-111

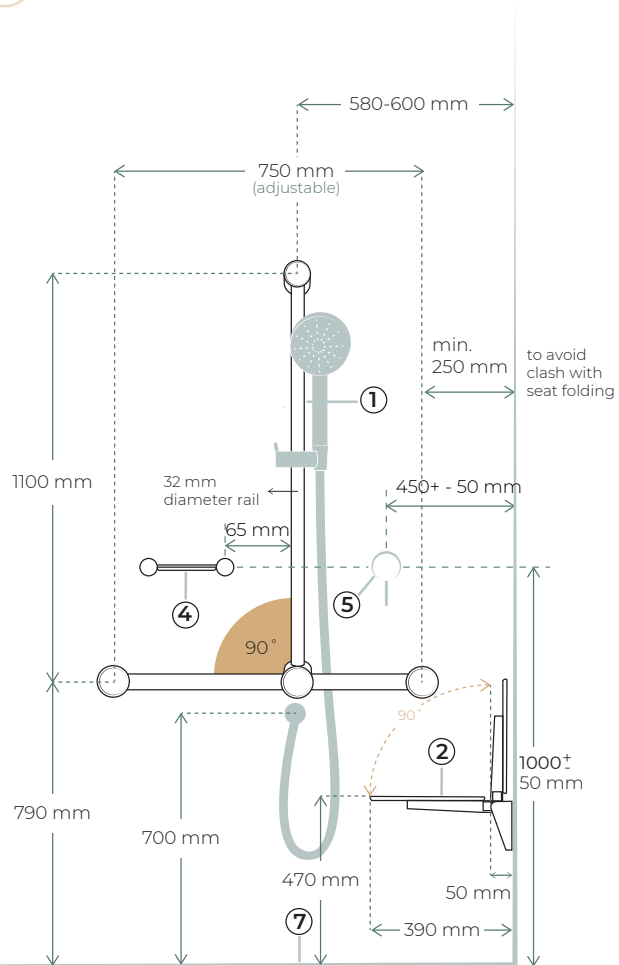
- 5** DDA Toilet Pan 800mm from Wall and Raised Height P-114 and 112
- Pan and Wall Mounted Cistern (HDC692-HEP-800)
  - Pan for In Wall Cistern (HDC692-HEBTG)

- 6** In Wall Cistern Pneumatic (G30035) or Wall Facing P-112

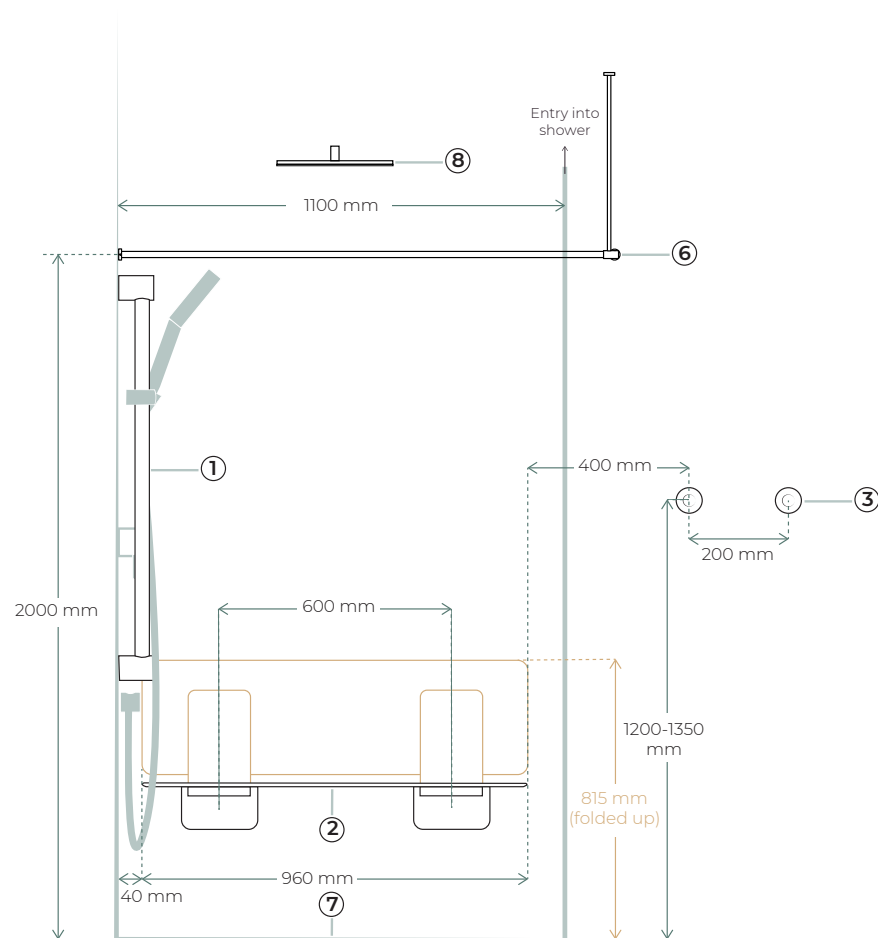
# AS1428.1 DDA WHEELCHAIR ACCESSIBLE SHOWER



## FRONT VIEW



## SIDE VIEW



- ① T Bar Grab Rail and Hand Shower (NRCS006) P-35 or 900mm single rails
- ② Shower Seat 960 Wide (S01D) P-105
- ③ Robe Hooks x 2 (R1B6) P-53
- ④ Soap Dish (NR2381) P-56
- ⑤ Wall Mixer Tap (NR221911X) (Optional Diverter to Overhead) P-63
- ⑥ Curtain Rail (RU1C12129) P-52
- ⑦ Floor Waste (NRFW002) P-118
- ⑧ Optional Overhead Shower Head (NRROA1001) P-83



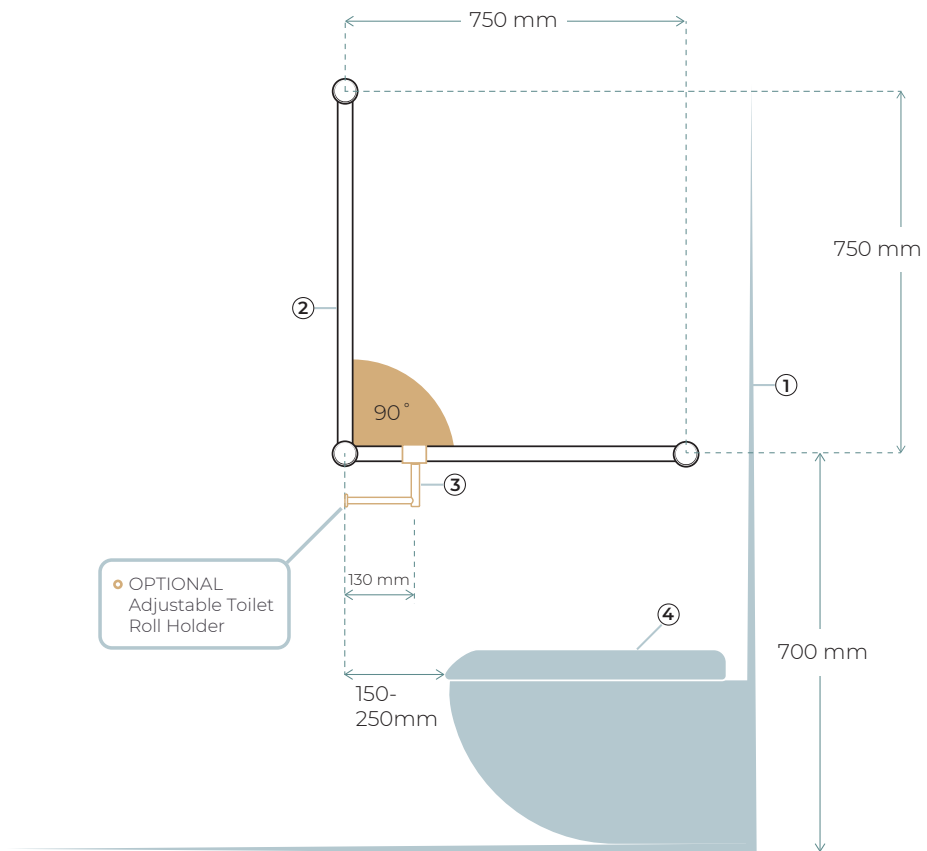
## NZS4121 WHEELCHAIR ACCESSIBLE PUBLIC BATHROOMS & TOILETS

NZS4121 rails are designed for wheelchair users in New Zealand public sanitary spaces. The following dimensions have been transcribed from the New Zealand standard.





SIDE VIEW



OPTIONAL Adjustable Toilet Roll Holder

- ① In wall flush button - Standard P-111
- ② NZ 90 Degree Angled Grab Rail P-43

- ③ Add on toilet roll holder P-44 (or Wall Mounted)
- ④ Ambulant Toilet Suite(In wall or Standard cistern) P-115