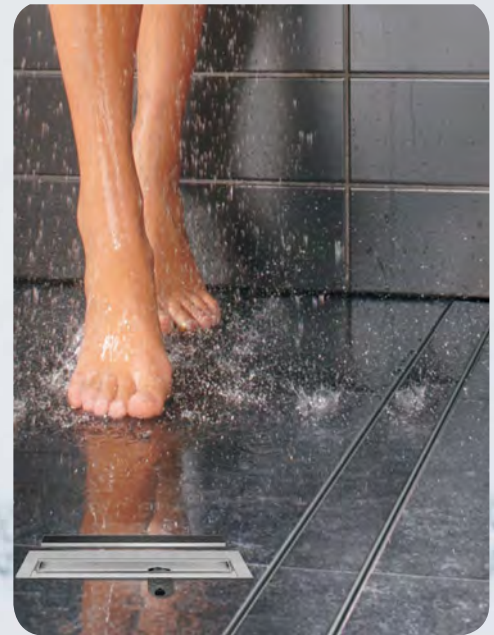




bathroomTM
ENGINEERING

Uniclass
L22231:L7315

CI/SfB
94 (52.9)



BESPOKE
SHOWER
COMPONENTS

Build ability
Aesthetics
Value
User Experience

The core values of Bathroom Engineering combine to place the company among the best in the business. Whether you need technical advice, a superb range of design choices, product quality, or simply first class delivery.

John Ruskin, who knew a thing or two about quality, wrote...

“It is unwise to pay too much, but it is worse to pay too little. When you pay too much you lose money, but when you pay too little you sometimes lose everything, because the thing you bought was unable to do the things it was bought to do.”

With Bathroom Engineering™ you can be confident you are dealing with the best.



R.D. Sigi Herring
Managing Director

Bathroom Engineering™
Priory Park
Chewton Mendip
Somerset
Bath
BA3 4NT
T +44(0)1761 241133
F +44(0)1761 241134
sales@bathroom-engineering.co.uk
www.bathroom-engineering.co.uk



P3	INDEX
P4	Linear Drains vs. Single Point vs. Tray Systems
P5	FLOOR DRAINS
P6	PURE Glass - White
P6	TAF Multi DUO
P7	UK TAF²
P8	ULTRA Tile
P8	PURE Glass - Black
P9	XERO 83 / XERO 83 Z
P10	Tegel Multi DUO
P10	PURE Glass - Green
P11	Tegel
P12	Multi FIXT
P12	FLEX
P13	PURE Tile
P14	DECO M
P14	DECO Z
P15	Trapezium
P15	Round
P15	Square
P16	AquaeFLOW
P16	DELTA Multi
P16	Quattro
P17	Engineering Packs™
P17	Easy Fix Kits
P18	Technical Drawings

P19	WATERPROOFING
P20	AquaeSEAL™
P21	AquaeGUARD™
P22	EdgeSEAL™
P22	HOW TO... Waterproof

P23	GRADIENT FORMERS
P24	eForm™ 22 Model A
P24	eForm™ 22 Model V
P25	eForm™ 22 Model B
P25	eForm™ 22 Model C
P25	eForm™ 22 Model D
P26	HOW TO... Install Gradients
P27	Technical Drawings

Floor Drains
P5



Waterproofing
P19



Gradient Formers
P23





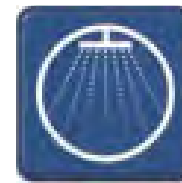
SYSTEM CHOICE - Why choose bespoke?

If all wet room showers serve the same purpose, why choose a bespoke design?

An 'off the shelf' tray system may be easier to order, but offers very limited design options. To cope with the all bathroom shapes, it has to be reduced and squeezed to fit. The essential 'envelope' cuts for the tiling takes time to shape, and even longer to fit properly (see above).

Individual components however, designed & built to suit the bathroom space, give a unique and high quality finish. The design will stay current and looks fantastic for a very long time. The gradients run in one direction without tile cuts, & the whole bathroom says 'quality'. And, working around site problems is so much easier without the inflexibility of a fixed tray system.

Above all, the experience of using the bathroom will always be luxurious and enjoyable.



FLOOR DRAINS



FLOOR DRAINS

There are 3x types of floor drain, with very different features.

- Linear : A long & narrow drain often found along a wall
- Special Situations : Floor drains in unusual shapes that solve specific design problems
- Single Point : A smaller drain, where the floor gradient comes from all sides

All floor drains have key features that provide specific functions. They are:

- The Chassis : The main drain body, that holds together other elements including the channel, trap, outlet, & grate
- The Trap : This part of the drain stops bad smells coming up from the sewers
- The Outlet : The hole where waste water exits to connecting pipes, leading to the sewers
- Removable Grate : This is a cover, that hides the chassis where water is collected before it enters the trap

Whatever your shower drain needs, we have the best solutions.

INDEX

P6 - PURE Glass - White
 P6 - TAF2 Multi DUO
 P7 - UK TAF2
 P8 - Ultra Tile
 P8 - PURE Glass - Black
 P9 - XERO 83 / XERO 83 Z
 P10 - Tegel Multi DUO
 P10 - PURE Glass - Green
 P11 - Tegel
 P12 - Multi FIXT
 P12 - Flex
 P13 - PURE Tile
 P14 - DECO M
 P14 - DECO Z
 P15 - Trapezium
 P15 - Round
 P15 - Square
 P16 - AquaeFLOW
 P16 - Delta Multi
 P16 - Quattro
 P17 - Engineering Pack™
 P17 - Easy Fix Kits



LINEAR FLOOR DRAINS

TIMBER FLOORS

PURE Glass, White

Low profile universal drain with fitted membrane & white glass grate.

Features

Floor Type	- Timber (& Concrete)
Floor Finish	- Tile
Grate Style	- Glass, WHITE
Waste Capacity	- 36 Litres / Minute
Waste Outlet	- Centre, Single, BS2"
Waterproofing	- Factory Fit

Includes

Drain Chassis & Height Adjustable Grate
BS2" Outlet with Factory Fit Membrane
Rotating Trap

Size

PURE Glass, 500mm
PURE Glass, 600mm
PURE Glass, 700mm
PURE Glass, 800mm
PURE Glass, 900mm
PURE Glass, 1000mm
PURE Glass, 1100mm
PURE Glass, 1200mm

Code

008 00490
008 00491
008 00492
008 00493
008 00494
008 00495
008 00496
008 00497

Tech Drawing, see page P.18



PURE GLASS - White

6



LINEAR FLOOR DRAINS

TIMBER FLOORS

This unique marine grade stainless steel channel is designed for UK 'WOOD over JOIST' Floor Structures, as well as concrete floors. It features an off-set outlet, matching MULTI Trap system & reversible grate, making this flexible high quality shower channel very easy to install. Excellent flow rates & connection options ensures the TAF Multi suits the vast majority of showers installations.



UK TAF2

7



TAF2 MULTI DUO

TAF2 MULTI DUO

Ultra high capacity tile insert drain with fitted membrane and twin traps that rotate to ease installation.

Features

Floor Type	- Timber (& Concrete)
Floor Finish	- Tile
Grate Style	- Tile Insert / Steel
Waste Outlet	- Twin, Central
Material	- 316 Stainless Steel
Waterproofing	- Factory Fit

Technical Data

Length	- Nominal, 100mm increment
Length, Visible	- Nominal size, less 45mm
Width	- 95mm Visible
Build-In Height	- 117mm, as standard
Foul Air Trap	- 50mm Deep Water Seal
Trap Connection	- BS2" / 50mm
Waste Capacity	- 72 Litres / Minute (90+ LPM Theoretical)

Includes

Drain Chassis
Tile Insert Grate to fit frame
Height Adjustable Grate Support Frame
Rotating Trap
BS2" Outlet Connection / Adaptor
Factory Fitted Waterproof Sealing Collar
Access Hook to lift Grate
Instructions
Installation Leveling Set

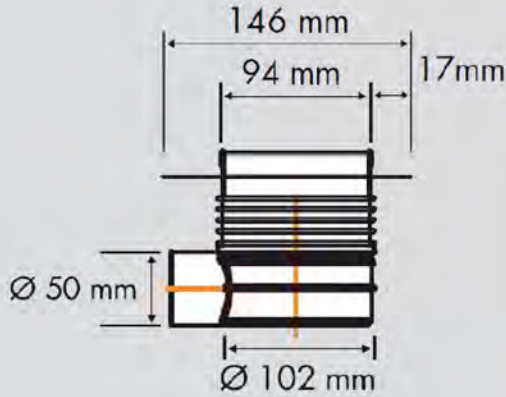
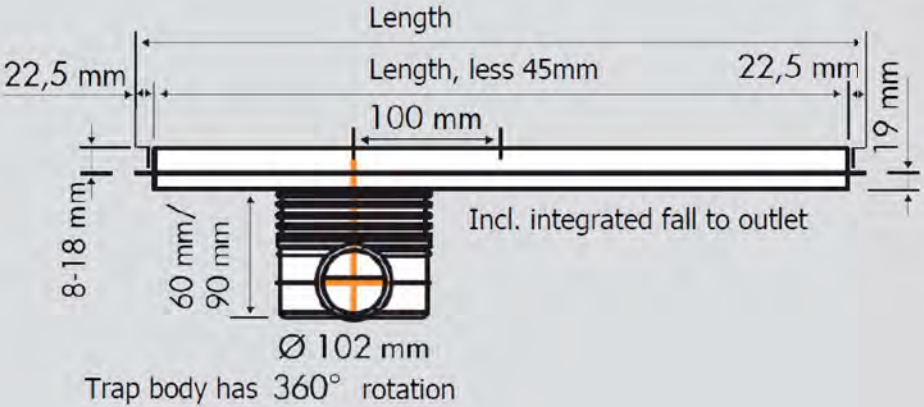
Size

MultiDUO TAF2, 800mm
MultiDUO TAF2, 900mm
MultiDUO TAF2, 1000mm
MultiDUO TAF2, 1100mm
MultiDUO TAF2, 1200mm
MultiDUO TAF2, 1300mm
MultiDUO TAF2, 1400mm
MultiDUO TAF2, 1500mm
MultiDUO TAF2, 1600mm
MultiDUO TAF2, 1700mm
MultiDUO TAF2, 1800mm
MultiDUO TAF2, 1900mm
MultiDUO TAF2, 2000mm

Code

008 00180
008 00181
008 00182
008 00183
008 00184
008 00185
008 00186
008 00187
008 00188
008 00189
008 00190
008 00191
008 00192

Tech Drawing, see page P.18



UK TAF2

Low profile tile insert drain for timber joist floors with fitted membrane and high capacity rotating offset trap, to miss joists.

Features

Floor Type	- Timber (& Concrete)
Floor Finish	- Tile
Grate Style	- Tile Insert / Steel
Waste Outlet	- Offset, Single, 50mm
Material	- 316 Stainless Steel
Waterproofing	- Factory Fit

Technical Data

Length	- Nominal, 100mm increment
Length, Visible	- Nominal size, less 45mm
Width	- 94mm
Build-In Height	- 119mm
Foul Air Trap	- 50mm Deep Water Seal
Trap Connection	- BS2" / 50mm
Waste Capacity	- 48 Litres / Minute

Includes

Drain Chassis
Tile Insert Grate to fit frame
Height Adjustable Grate Support Frame
Rotating Trap
BS2" Outlet Connection / Adaptor
Factory Fitted Waterproof Sealing Collar
Access Hook to lift grate
Instructions
Installation Levelling Leg Set

Size

UK TAF2, 500mm
UK TAF2, 600mm
UK TAF2, 700mm
UK TAF2, 800mm
UK TAF2, 900mm
UK TAF2, 1000mm
UK TAF2, 1100mm
UK TAF2, 1200mm
UK TAF2, 1300mm
UK TAF2, 1400mm
UK TAF2, 1500mm
UK TAF2, 1600mm
UK TAF2, 1700mm
UK TAF2, 1800mm
UK TAF2, 1900mm
UK TAF2, 2000mm

Code

008 00280
008 00281
008 00282
008 00283
008 00284
008 00285
008 00286
008 00287
008 00288
008 00289
008 00290
008 00291
008 00292
008 00293
008 00294
008 00295



LINEAR FLOOR DRAINS

CONCRETE (& TIMBER) FLOORS

ULTRA Tile

Low profile floor drain with fixed outlet & 50mm trap. Also features tile insert grate & waterproof sealing membrane.

Features

- Floor Type - Concrete (& Timber)
- Floor Finish - Tile
- Grate Style - Tile Insert
- Waste Outlet - Fixed, Low Profile
- Foul Air Trap - 50mm Deep Water Seal
- Material - 304 Stainless Steel
- Waterproofing - Factory Fit

Technical Data

- Length - Nominal, 100^m/m increment
- Length, Visible - Nominal, less 34mm
- Width, Visible - 72mm
- Build-In Height - 85mm to unfinished floor
- Foul Air Trap - 50mm water seal
- Outlet Connection - 50mm / 2"
- Waste Capacity - 42 Litres / Minute

Includes

- Drain Chassis
- Height Adjustable Tile Insert Grate
- Fixed Outlet with front eject
- BS2" Outlet Connection / Adaptor
- Access Hook to lift Grate
- Instructions
- Installation Levelling Leg Set
- Removable Trap with Rodding Access

Size

Code

ULTRA Tile, 500mm	008 00550
ULTRA Tile, 600mm	008 00551
ULTRA Tile, 700mm	008 00552
ULTRA Tile, 800mm	008 00553
ULTRA Tile, 900mm	008 00554
ULTRA Tile, 1000mm	008 00555
ULTRA Tile, 1100mm	008 00556
ULTRA Tile, 1200mm	008 00557
ULTRA Tile, 1300mm	008 00558
ULTRA Tile, 1400mm	008 00559
ULTRA Tile, 1500mm	008 00560
ULTRA Tile, 1600mm	008 00561
ULTRA Tile, 1700mm	008 00562
ULTRA Tile, 1800mm	008 00563
ULTRA Tile, 1900mm	008 00564
ULTRA Tile, 2000mm	008 00565

Tech Drawing, see page P.18



ULTRA TILE



PURE GLASS - Black

PURE Glass, Black

Universal drain with membrane & black glass grate.

Features

- Floor Type - Concrete (& Timber)
- Floor Finish - Tile
- Grate Style - Glass, BLACK
- Waste Capacity - 36 Litres / Minute
- Waste Outlet - Centre, Single, 50mm / 2"
- Waterproofing - Factory Fit

Includes

- Drain Chassis & Height Adjustable Grate
- BS2" Outlet with Factory Fit Membrane
- Rotating Trap

Size

Code

PURE Glass, 500mm	008 00490
PURE Glass, 600mm	008 00491
PURE Glass, 700mm	008 00492
PURE Glass, 800mm	008 00493
PURE Glass, 900mm	008 00494
PURE Glass, 1000mm	008 00495
PURE Glass, 1100mm	008 00496
PURE Glass, 1200mm	008 00497

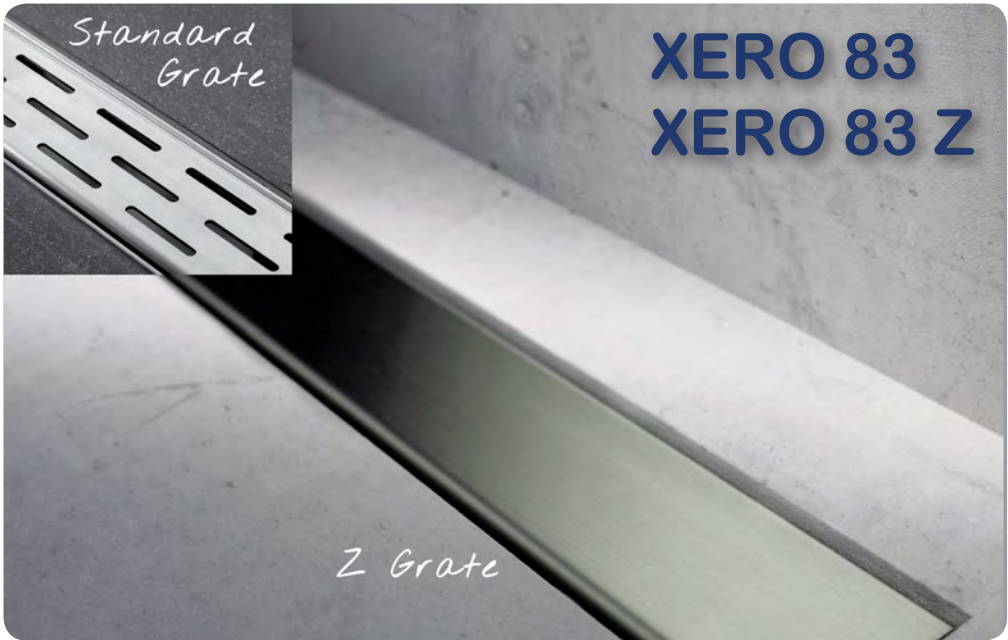
Tech Drawing, see page P.18



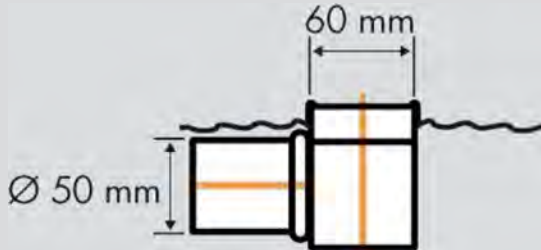
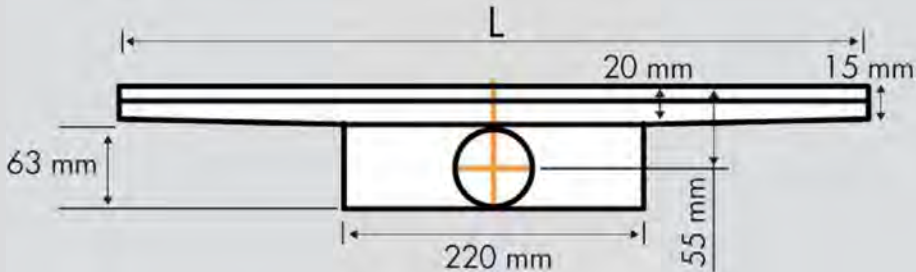
LINEAR FLOOR DRAINS

CONCRETE FLOORS

This stainless steel channel is designed for concrete floors, with very limited space. The unique features make this flexible high quality floor drain very easy to install, & to maintain its high performance. Excellent flow rates & connection options ensure the the vast majority of shower installations can be catered for.



XERO 83
XERO 83 Z



XERO 83 / XERO 83 Z

Slimline floor drain with a choice of traditional grate & the lowest profile allowed under UK building regulations.

Features

- Floor Type - Concrete
- Floor Finish - Tile
- Grate Style - Brushed Stainless Steel
- Waste Outlet - Central / Single low profile
- Material - 304 Stainless Steel
- Waterproofing - Factory Fit Bonding Collar

Technical Data

- Length - Nominal, 100^m/m increment
- Length, Visible - Nominal
- Width - 60mm
- Build-In Height - 83^m to finished floor
- Foul Air Trap - 50mm Deep Water Seal
- Outlet Connection - 50mm > BS2"
- Waste Capacity - 42 Litres / Minute

Includes

- Drain Chassis
- BS2" Outlet Connection / Adaptor
- Factory Fitted Bonding Collar
- Access Hook to lift Grate
- Removable trap c/w rodding access
- Instructions
- Installation Levelling Leg Set

Size

Code

XERO 83, 500mm	008 00530
XERO 83, 600mm	008 00531
XERO 83, 700mm	008 00532
XERO 83, 800mm	008 00533
XERO 83, 900mm	008 00534
XERO 83, 1000mm	008 00535
XERO 83, 1100mm	008 00536
XERO 83, 1200mm	008 00537
XERO 83 Z, 500mm	008 00540
XERO 83 Z, 600mm	008 00541
XERO 83 Z, 700mm	008 00542
XERO 83 Z, 800mm	008 00543
XERO 83 Z, 900mm	008 00544
XERO 83 Z, 1000mm	008 00545
XERO 83 Z, 1100mm	008 00546
XERO 83 Z, 1200mm	008 00547



LINEAR FLOOR DRAINS

CONCRETE FLOORS

Tegel Multi DUO

Ultra high capacity floor drain with tile insert finish for concrete floors only.

Features

- Floor Type - Concrete
- Floor Finish - Tile
- Grate Style - Tile Insert
- Waste Outlet - Double, Central
- Foul Air Trap - 50mm Deep Water Seal
- Material - 316 Stainless Steel
- Waterproofing - 'Optional' Easy Fix (P17)

Technical Data

- Length - Nominal, 100mm increment
- Length, Visible - Nominal
- Width - 98mm
- Build-In Height - 120mm
- Foul Air Trap - 360° Rotating 50mm Seal
- Trap Connection - 50mm > 2"
- Waste Capacity - 72 Litres / Minute (90+ LPM Theoretical)

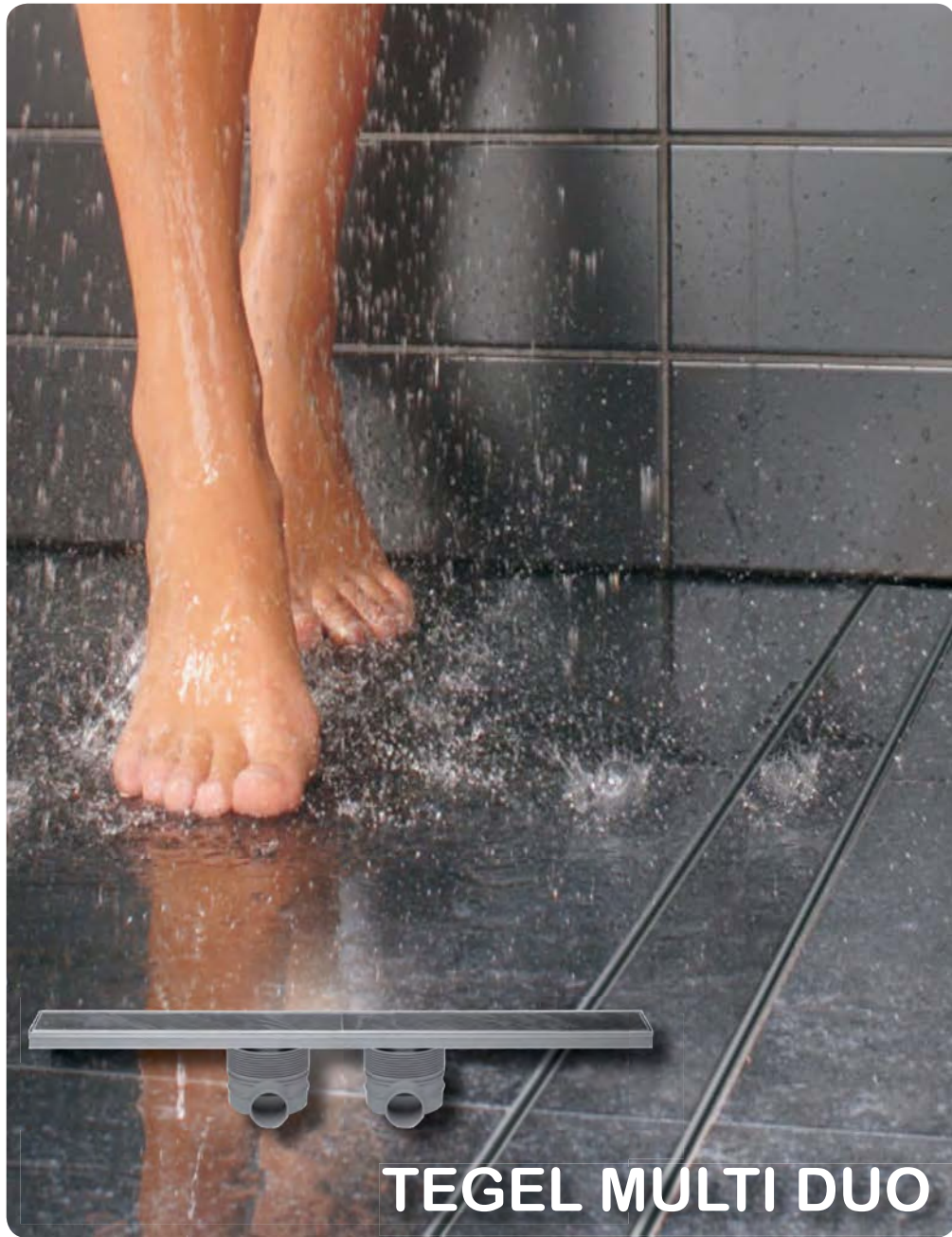
Includes

- Drain Chassis
- Tile Insert Grate, Height Adjustable
- BS2" Outlet Connection / Adaptor
- Access Hook to lift Grate
- Instructions
- Installation Levelling Leg Set

Size

Size	Code
Tegel Multi DUO, 500mm	008 00133
Tegel Multi DUO, 600mm	008 00134
Tegel Multi DUO, 700mm	008 00135
Tegel Multi DUO, 800mm	008 00136
Tegel Multi DUO, 900mm	008 00137
Tegel Multi DUO, 1000mm	008 00138
Tegel Multi DUO, 1100mm	008 00139
Tegel Multi DUO, 1200mm	008 00140
Tegel Multi DUO, 1300mm	008 00141
Tegel Multi DUO, 1400mm	008 00142
Tegel Multi DUO, 1500mm	008 00143
Tegel Multi DUO, 1600mm	008 00144
Tegel Multi DUO, 1700mm	008 00145
Tegel Multi DUO, 1800mm	008 00146
Tegel Multi DUO, 1900mm	008 00147
Tegel Multi DUO, 2000mm	008 00148

Tech Drawing, see page P.18



TEGEL MULTI DUO



PURE GLASS - Green

PURE Glass, Green

Low profile universal drain with fitted membrane & green glass grate.

Features

- Floor Type - Timber (& Concrete)
- Floor Finish - Tile
- Grate Style - Glass, GREEN
- Waste Capacity - 36 Litres / Minute
- Waste Outlet - Centre, Single
- Waterproofing - Factory Fit

Includes

- Drain Chassis & Height Adjustable Grate
- BS2" Outlet with Factory Fit Membrane
- Rotating Trap

Size

Size	Code
PURE Glass, 500mm	008 00490
PURE Glass, 600mm	008 00491
PURE Glass, 700mm	008 00492
PURE Glass, 800mm	008 00493
PURE Glass, 900mm	008 00494
PURE Glass, 1000mm	008 00495
PURE Glass, 1100mm	008 00496
PURE Glass, 1200mm	008 00497

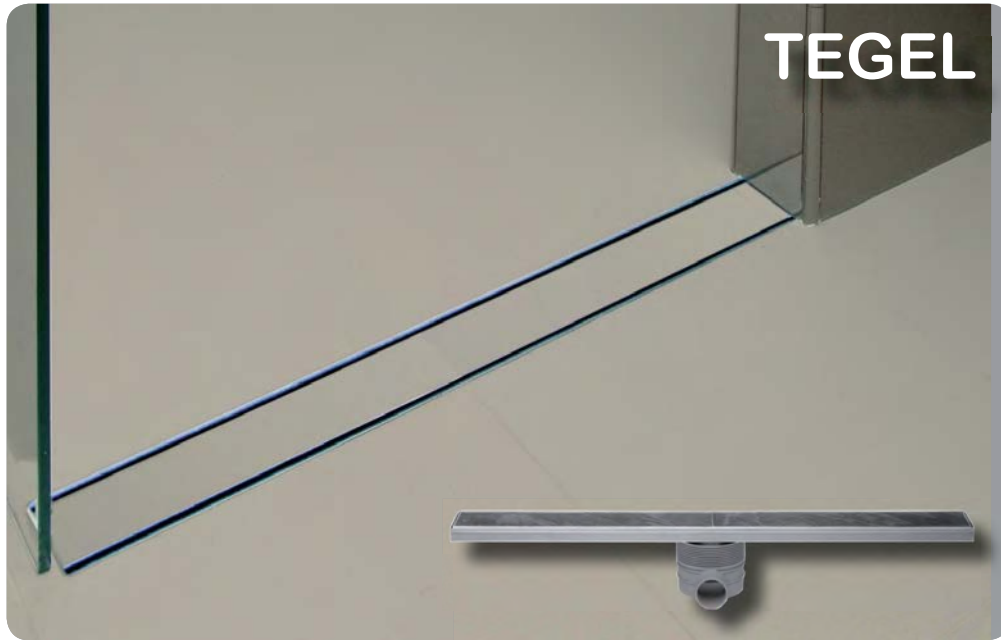
Tech Drawing, see page P.18



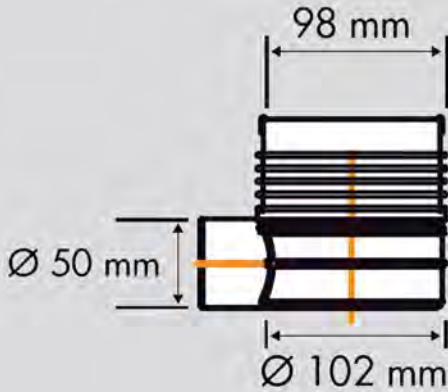
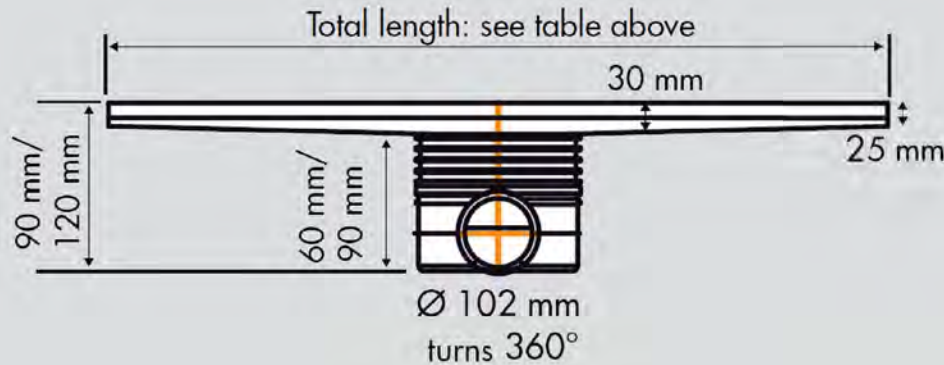
LINEAR FLOOR DRAINS

CONCRETE FLOORS

Made from Marine Grade Stainless Steel, this gully is designed for CONCRETE Floors. With a central outlet, matched to the high flow rates from the MULTI Trap system, this high quality shower channel is easy to install. The special 'tile insert' grate is designed to be filled with sections of floor tile, resulting in a discrete channel hidden in the floor.



TEGEL



Tegel

Simple concrete floor shower drain with high capacity rotating trap & tile insert grate.

Features

- Floor Type - Concrete
- Floor Finish - Tile
- Grate Style - Tile Insert
- Waste Outlet - Central / Single
- Material - 316 Stainless Steel
- Waterproofing - 'Optional' Easy Fix (P17)
- Foul Air Trap - 50mm Deep Water Seal

Technical Data

- Length - Nominal, 100mm increment
- Length, Visible - Nominal
- Width - 98mm
- Build-In Height - 120mm
- Waste Capacity - 48 Litres/Minute
- Trap Connection - DN50> BS2" Rotates 360°
- Foul Air Trap - 50mm Deep

Includes

- Drain Chassis
- Height Adjustable Tile Insert Grate
- Rotating Trap
- BS2" Outlet Connection / Adaptor
- Access Hook to lift Grate
- Instructions
- Installation Levelling Leg Set

Size

Size	Code
Tegel Drain, 500mm	008 00250
Tegel Drain, 600mm	008 00251
Tegel Drain, 700mm	008 00252
Tegel Drain, 800mm	008 00253
Tegel Drain, 900mm	008 00254
Tegel Drain, 1000mm	008 00255
Tegel Drain, 1100mm	008 00256
Tegel Drain, 1200mm	008 00257
Tegel Drain, 1300mm	008 00234
Tegel Drain, 1400mm	008 00235
Tegel Drain, 1500mm	008 00236
Tegel Drain, 1600mm	008 00237
Tegel Drain, 1700mm	008 00238
Tegel Drain, 1800mm	008 00239
Tegel Drain, 1900mm	008 00240
Tegel Drain, 2000mm	008 00241



LINEAR FLOOR DRAINS

CONCRETE FLOORS

Multi FIXT

Top specification high capacity traditional style floor drain for concrete floors.
Optional grating upgrades.

Features

Floor Type	- Concrete
Floor Finish	- Tile
Grate Style	- Traditional Grid
Waste Capacity	- 48 Litres / Minute
Waste Outlet	- Central / Single
Foul Air Trap	- 50mm Deep Water Seal
Material	- 316 Stainless Steel
Waterproofing	- 'Optional' Easy Fix (P17)

Includes

Drain Chassis
Rotating Trap
Height Adjustable Grate
BS2" Outlet Connection / Adaptor
Orange Hook & Instructions
Installation Levelling Leg Set

Size

Size	Code
Multi FIXT, 500mm	008 00480
Multi FIXT, 600mm	008 00481
Multi FIXT, 700mm	008 00482
Multi FIXT, 800mm	008 00483
Multi FIXT, 900mm	008 00484
Multi FIXT, 1000mm	008 00485
Multi FIXT, 1100mm	008 00486
Multi FIXT, 1200mm	008 00487
Multi FIXT, 1300mm	008 00488
Multi FIXT, 1400mm	008 00489
Multi FIXT, 1500mm	008 00490
Multi FIXT, 1600mm	008 00491
Multi FIXT, 1700mm	008 00492
Multi FIXT, 1800mm	008 00493
Multi FIXT, 1900mm	008 00494
Multi FIXT, 2000mm	008 00495

Tech Drawing, see page P.18



MULTI FIXT



FLEX

Flex

Elementary floor drain with traditional grate for concrete floors.

Features

Floor Type	- Concrete
Floor Finish	- Tile
Grate Style	- Traditional Grid
Waste Capacity	- 26 Litres / Minute
Waste Outlet	- Central / Single
Foul Air Trap	- 50mm Deep Water Seal
Material	- 316 Stainless Steel
Waterproofing	- 'Optional' Easy Fix (P17)

Includes

Drain Chassis
Height Adjustable Grate
Rotating Trap
BS2" Outlet Connection / Adaptor
Access Hook to lift Grate
Instructions
Installation Levelling Leg Set

Size

Size	Code
Flex, 500mm	008 00220
Flex, 600mm	008 00221
Flex, 700mm	008 00222
Flex, 800mm	008 00223
Flex, 900mm	008 00224
Flex, 1000mm	008 00225
Flex, 1100mm	008 00226
Flex, 1200mm	008 00227

Tech Drawing, see page P.18



LINEAR FLOOR DRAINS

TIMBER (& CONCRETE) FLOORS

Specially designed to embed tiles into a height adjustable grate, PURE TILE is a unique stainless steel shower gully for all floor structures.
This flexible shower drain is very easy to install & offers premium quality waterproofing protection fitted at the factory. Good flow rates ensures that PURE TILE suits the majority of showers installations.



PURE TILE

PURE Tile

Low profile floor drain with rotating trap, waterproof sealing membrane & tile insert grate.

Features

Floor Type	- Timber (& Concrete)
Floor Finish	- Tile
Grate Style	- Tile Insert
Waste Outlet	- Centre, Single 360°
Material	- 304 Stainless Steel
Waterproofing	- Factory Fitted

Technical Data

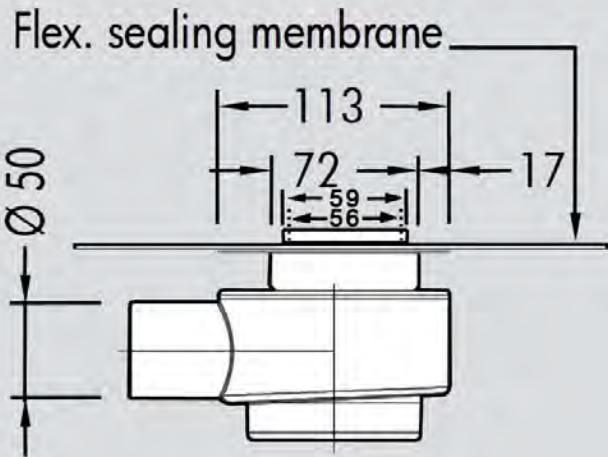
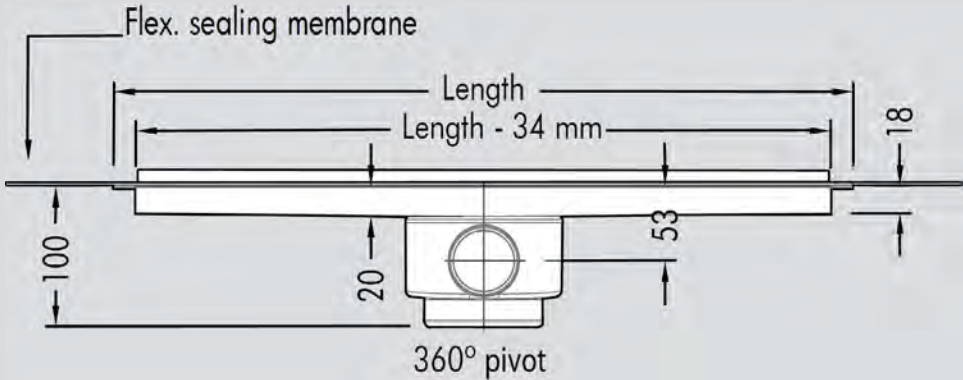
Length	- Nominal, 100"/m increment
Length, Visible	- Nominal, less 34mm
Width	- 72"/m
Build-In Height	- 100"/m to unfinished floor
Foul Air Trap	- 50mm Deep Water Seal
Trap Connection	- 50mm > 2"
Waste Capacity	- 36 Litres / Minute

Includes

Drain Chassis
Height Adjustable Tile Insert Grate
Rotating Trap
BS2" Outlet Connection / Adaptor
Factory Fitted Waterproof Sealing Collar
Access Hook to lift Grate
Hair Stopper
Instructions
Installing Levelling Leg Set

Size

Size	Code
PURE Tile, 500mm	008 00480
PURE Tile, 600mm	008 00481
PURE Tile, 700mm	008 00482
PURE Tile, 800mm	008 00483
PURE Tile, 900mm	008 00484
PURE Tile, 1000mm	008 00485
PURE Tile, 1100mm	008 00486
PURE Tile, 1200mm	008 00487





LINEAR FLOOR DRAINS

TIMBER (& CONCRETE) FLOORS

DECO M

Traditional grate fitted to low profile chassis with factory fit waterproofing membrane.

Features

- Floor Type - Timber (& Concrete)
- Floor Finish - Tile
- Grate Style - Polished Stainless Steel
- Waste Capacity - 36 Litres / Minute
- Waste Outlet - Centre, Single
- Foul Air Trap - 50mm Deep Water Seal
- Material - 304 Stainless Steel
- Waterproofing - Factory Fit

Includes

- Drain Chassis
- Height Adjustable Grate
- Rotating Trap
- BS2" Outlet Connection / Adaptor
- Factory Fitted Waterproof Sealing Collar
- Access Hook to lift Grate
- Hair Stopper
- Instructions
- Installation Levelling Leg Set

Size

- DECO M, 500mm
- DECO M, 600mm
- DECO M, 700mm
- DECO M, 800mm
- DECO M, 900mm
- DECO M, 1000mm
- DECO M, 1100mm
- DECO M, 1200mm

Code

- 008 00210
- 008 00211
- 008 00212
- 008 00213
- 008 00214
- 008 00215
- 008 00216
- 008 00217

Tech Drawing, see page P.18



DECO M



DECO Z

DECO Z

Low profile drain with factory fit waterproof membrane & sleek stainless steel grate.

Features

- Floor Type - Timber (& Concrete)
- Floor Finish - Tile
- Grate Style - Brushed Stainless Steel
- Waste Capacity - 36 Litres / Minute
- Waste Outlet - Centre, Single
- Foul Air Trap - 50mm Deep Water Seal
- Material - 304 Stainless Steel
- Waterproofing - Factory Fit

Includes

- Drain Chassis
- Height Adjustable Grate
- Rotating Trap
- BS2" Outlet Connection / Adaptor
- Factory Fitted Waterproof Sealing Collar
- Access Hook to lift Grate
- Hair Stopper
- Instructions
- Installation Levelling Leg Set

Size

- DECO Z, 500mm
- DECO Z, 600mm
- DECO Z, 700mm
- DECO Z, 800mm
- DECO Z, 900mm
- DECO Z, 1000mm
- DECO Z, 1100mm
- DECO Z, 1200mm

Code

- 008 00470
- 008 00471
- 008 00472
- 008 00473
- 008 00474
- 008 00475
- 008 00476
- 008 00477

Tech Drawing, see page P.18

14



FLOOR DRAINS

SPECIAL SITUATION

Trapezium

High flow floor drain that fits between angled walls. 2x size options.

Features

- Floor Type - Timber & Concrete
- Floor Finish - Tile
- Grate Style - Traditional Grid
- Waste Outlet - Central / Single
- Foul Air Trap - 50mm Deep Water Seal
- Waste Capacity - 48 Litres / Minute

Includes

- Drain Chassis
- Rotating Trap
- BS2" Connection / Adaptor
- Grating
- Instructions

Size

- Trapezium, 300mm
- Trapezium, 700mm

Code

- 008 00231
- 008 00232

Tech Drawing, see page P.18



TRAPEZIUM



ROUND

Round

Curved floor drain with traditional grate.

Features

- Floor Type - Concrete
- Floor Finish - Tile
- Grate Style - Traditional Grid
- Waste Capacity - 26 Litres / Minute
- Waste Outlet - Central / Single
- Foul Air Trap - 50mm Deep Water Seal

Includes

- Drain Chassis
- Rotating Trap
- BS2" Connection / Adaptor
- Instructions
- Installation Levelling Feet

Size

- Round FLEX, R=550mm
- Round MULTI, R=550mm

Code

- 008 00233
- 008 00299

Tech Drawing, see page P.18

Square

L shaped linear floor drain with traditional grate.

Features

- Floor Type - Concrete
- Floor Finish - Tile
- Grate Style - Traditional Grid
- Waste Capacity - 26 Litres / Minute
- Waste Outlet - Central / Single
- Foul Air Trap - 50mm Deep Water Seal

Includes

- Drain Chassis & Rotating Trap
- Installation Levelling Feet
- Instructions
- BS2" Connection / Adaptor

Size

- Square MULTI, 900mm
- Square MULTI, 1000mm

Code

- 008 00460
- 008 00461
- 008 00462
- 008 00463

Tech Drawing, see page P.18



SQUARE

15



SINGLE POINT DRAINS

ALL FLOORS

AquaeFLOW

Push fit single point floor drain comes with 50mm foul air trap & fits directly into soil pipe.

Features

- Floor Type - All
- Floor Finish - Tile
- Grate Style - Traditional Grid
- Waste Capacity - 80 Litres / Minute
- Foul Air Trap - 50mm Deep Water Seal

Includes

- Body
- Grate
- Trap Components
- Instructions

Size

Size	Code
120mm PUSH FIT 4" Soil Std	011 00340
120mm PUSH FIT 4" Soil CUBE	011 00341
120mm TIMBER Floor Std	011 00342
120mm TIMBER Floor CUBE	011 00343

Tech Drawing, see page P.18



AquaeFLOW



DELTA MULTI

Delta Multi

Corner floor drain with tile insert or traditional grates.

Features

- Floor Type - Timber (& Concrete)
- Floor Finish - Tile
- Grate Style - Traditional Grid / Tile
- Foul Air Trap - 50mm Deep
- Waste Capacity - 48 Litres / Minute

Includes

- Chassis
- Grating
- Trap
- Instructions

Size

Size	Code
200mm Delta Multi ZERO	008 00228
200mm Delta Multi TILE	008 00229
240mm Delta Multi	008 00230

Tech Drawing, see page P.18

Quattro

3x sizes of square single point drain with 3x grate options & fitted membrane.

Features

- Floor Type - Timber (& Concrete)
- Floor Finish - Tile
- Grate Style - Traditional / Tile / Glass
- Waste Capacity - 48 Litres / Minute
- Foul Air Trap - 50mm Deep Water Seal

Includes

- Chassis & Grate
- Trap & Instructions

Size

Size	Code
100mm Quattro TILE	008 00150
100mm Quattro ZERO	008 00151
100mm Quattro GLASS	008 00152
150mm Quattro TILE	008 00153
150mm Quattro ZERO	008 00154
150mm Quattro GLASS	008 00155
200mm Quattro TILE	008 00156
200mm Quattro ZERO	008 00157
200mm Quattro GLASS	008 00158

Tech Drawing, see page P.18



QUATTRO



FLOOR DRAINS

INSTALLATION SYSTEMS

Engineering Pack

Universal kit to help build bespoke showers in timber (& concrete) floors. Can be used with individual floor drain components of any make or brand.

Supplied as a kit of 2x parts.

- Gradient Boards (eForm™ 22)
 - to build correct fall into the floor
- Waterproofing (Choice of 2x Systems)
 - AquaeGUARD™ Professional Membrane (P21)
 - AquaeSEAL™ Waterproof Gel (P20)

Features

- Gradient Boards eForm™ 22
 - Kits to suit standard drain lengths
 - Hard Core Polymer board
 - Gradient falls from 22mm to 6mm
 - Factory coating applied
 - Instant robust board, ready to be sealed into floor

- Waterproofing
 - Min of 5sq. M enough for popular shower sizes
 - Very easy to use
 - Upgrade to extra waterproofing if required
 - Choice of 2x premium systems
 - AquaeGUARD™
 - AquaeSEAL™

Includes

- Gradient Board Floor Former
- Waterproofing 5sqm
- Instructions

Size

Size	Code
AquaeGUARD >1000mm	099 00194
AquaeGUARD >1350mm	008 00195
AquaeGUARD >1700mm	008 00196
AquaeGUARD >2000mm	008 00197
Upgrade by 5 Sq. M	008 00198

AquaeSEAL > 1000mm	008 00064
AquaeSEAL > 1350mm	008 00065
AquaeSEAL > 1700mm	008 00066
AquaeSEAL > 2000mm	008 00067
Upgrade by 5 Sq. M	008 00068

* swap Model A for Model V ASK.....!

ENGINEERING PACK



EASY FIX KITS



Easy Fix

Waterproof sealing membrane with stretch collar that push fits over trap body of concrete floor drains to create a watertight seal.

Features

- Floor Type - Concrete
- Floor Finish - Tile
- Waste Outlet - Single
- Collar Location - Central
- Collar Fit - Push Fit Stretch

Includes

- Waterproof Membrane Gasket
- Waterproof Polycement
- Install Squeegee

Size

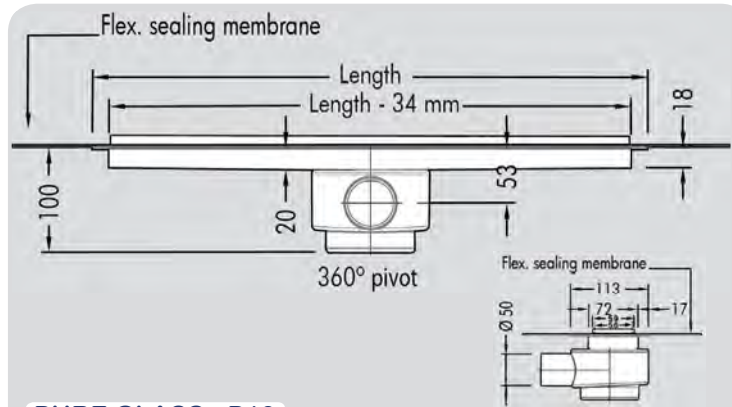
Size	Code
Easy Fix Kit, FLEX <1200mm	008 00276
Easy Fix Kit, FLEX <2000mm	008 00277
Easy Fix Kit, MULTI <1200mm	008 00278
Easy Fix Kit, MULTI <2000mm	008 00279



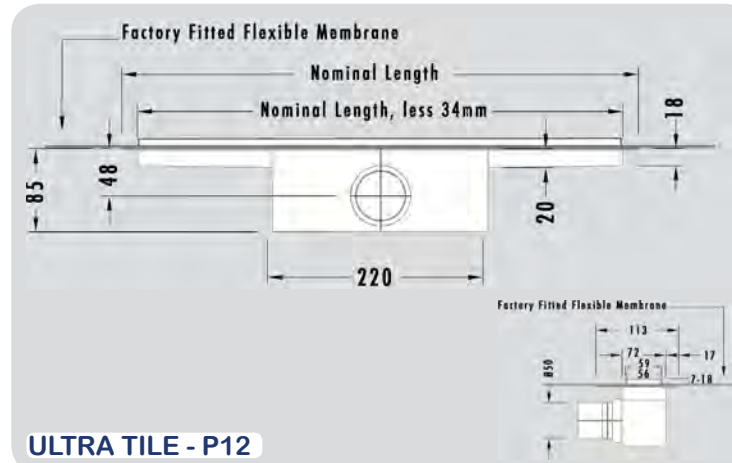
LINEAR FLOOR GULLYS

DRAWINGS

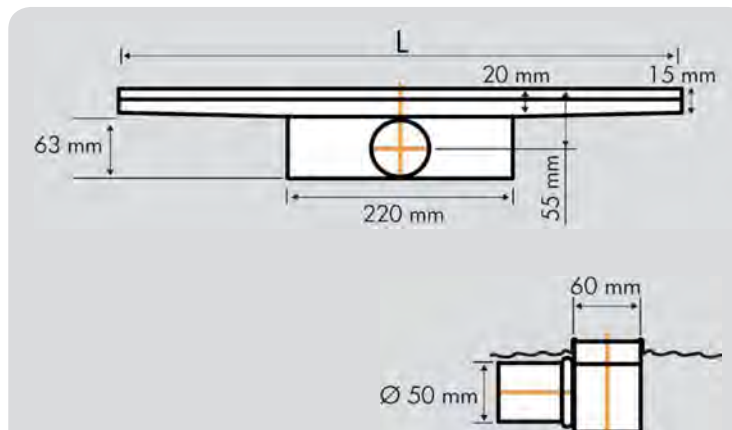
18



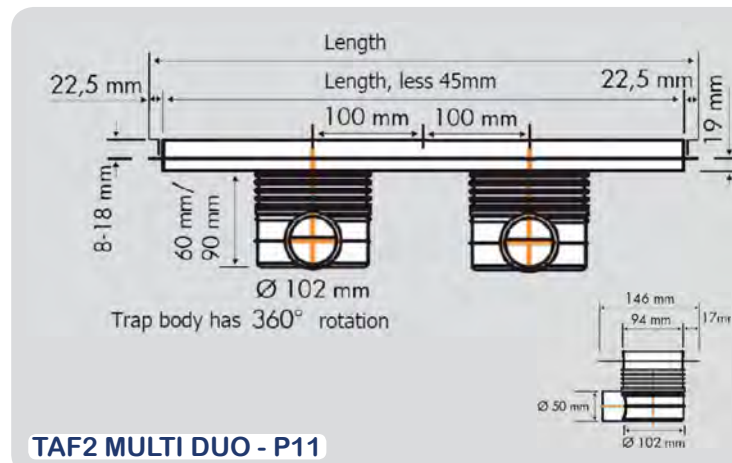
PURE GLASS - P10
PURE TILE - P12, 14, 16



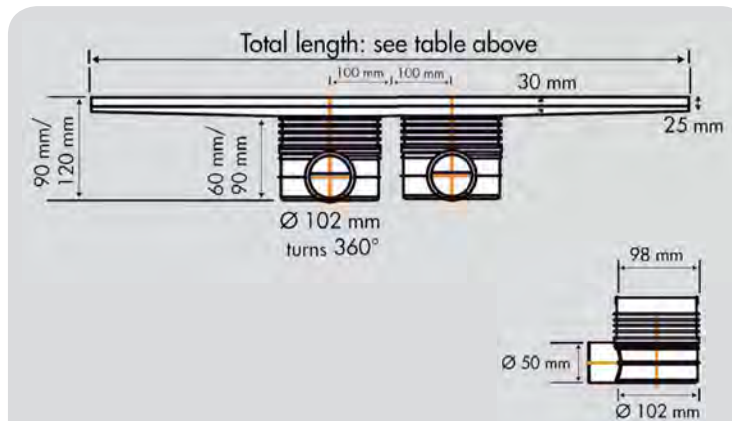
ULTRA TILE - P12



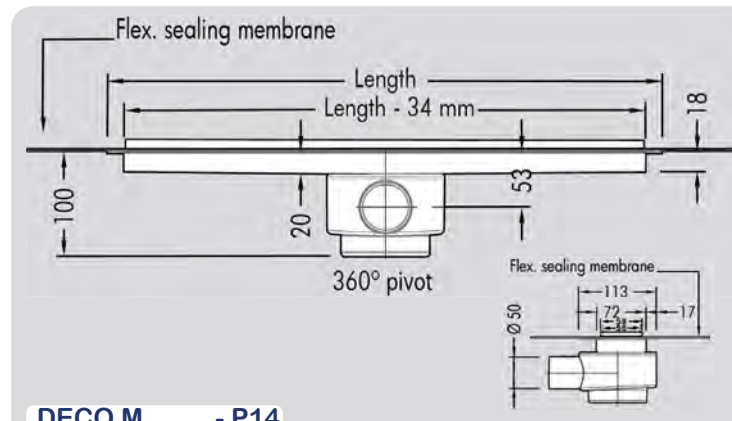
XERO 83 - P17



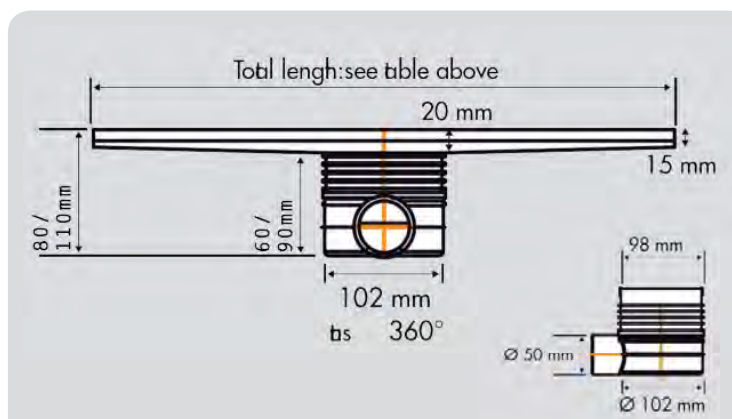
TAF2 MULTI DUO - P11



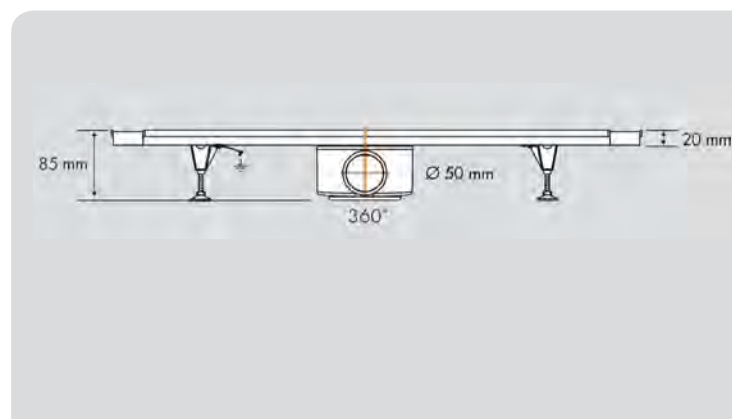
TEGEL MULTI DUO - P11



DECO M - P14
DECO Z - P14



MULTI FIXT - P16



FLEX - P16



WATERPROOFING

19



WATERPROOFING

Membranes are critical waterproofing barriers used when building showers & like all defensive measures is most effective when in multiple layers.

- The Floor Finish : Always the first defensive layer, reduce available gaps for water to seep through by using large format tiles or stone.
- Grout : Fill gaps with a higher quality grout to further reduce the risk of leaks.
- Waterproof Membrane : Applied to the floor & walls, our dedicated membranes are superior, as boards add unnecessary thickness & are often not waterproof.

Comprehensive testing confirms there are 2x solutions that meet our core values.

- Sheet Membrane (AquaGuard) : Easy to fit with tile adhesive, this professional membrane creates a barrier to stop all water seepage.
- 'Rubber' Paint (AquaSeal) : A waterproof gel coating applied by brush or roller, this is the simplest solution to understand & use.

Quick & easy to apply, creating a waterproof barrier & stopping substrates from degrading, our membranes are flexible, cost effective & can be used on all substrates.

INDEX

- P20 - AquaSeal™
- P21 - AquaGuard™
- P22 - EdgeSeal™
- P22 - HOW TO....Waterproof



WATERPROOFING SYSTEMS

ALL FLOORS & WALLS

AquaeSEAL™ Kits

Project sized kits of waterproof gel coating and joint sealing tape packed together in convenient boxes.

Kits are suitable for:

- Single standard size showers (UNO)
- Larger size showers (MEDIO)
- Additional components (see AquaeSEAL) can be added on demand

Features

- | | |
|--------------|------------------------|
| Floor Type | - Timber & Concrete |
| Floor Finish | - Below Tiles or Stone |
| Walls | - All |
| Application | - Roller or Brush |

Includes

Waterproof Gel Coating
Joint Sealing Tape
Internal Corner
Instructions

Size

UNO Waterproofing Kit 5m
MEDIO Waterproofing Kit 10m

Code

099 00074
099 00075



AquaeSEAL™ Kits



AquaeSEAL™

AquaeSEAL™

Premium quality range of individual components used to waterproof & seal walls & floors when building showers and bathrooms.

Gaps and cracks are 1st covered in Joint Sealing Tape & specially made collars. Waterproof gel coating is applied by roller or brush onto floors & walls.

Specially designed for tiles or stone, AquaeSEAL provides an ideal surface for adhesive to grab to.

Features

- | | |
|-------------|-----------------------|
| Floor Type | - All Floors |
| Walls | - All Walls |
| Finish | - Tile & Stone |
| Coverage | - Min 5m ² |
| Application | - Brush / Roller |

Technical Data

- | | |
|---------------|----------------------|
| Jointing Tape | |
| Width | - 100mm |
| Length | - 5m, 10m, 25m & 50m |
| Collars | - Small, Large |
| Corners | - Internal, External |

- | | |
|---------------|------------------------|
| Membrane | |
| R.P Container | - 6 kg Tub |
| Membrane | - Gel Coating Membrane |
| Type | - Dispersion |
| Style | - Thixotropic |
| Drying Time | - Approx. 3-5 hours |

Size

Waterproofing Tanking - R.P. 004 00050
Waterproof Joint Seal Tape, 5m 003 00051
Waterproof Joint Seal Tape, 10m 003 00052
Waterproof Joint Seal Tape, 25m 003 00053
Waterproof Joint Seal Tape, 50m 003 00054
Waterproof INTERNAL corner 003 00055
Waterproof EXTERNAL corner 003 00056
Waterproof Joint Seal Tape, Wall 003 00059
Waterproof Joint Seal Tape, Floor 003 00060

Code



WATERPROOFING SYSTEMS

ALL FLOORS & WALLS

AquaeGUARD™ Kits

Combining the key components & accessories from the AquaeGUARD range, these convenient project size kits will allow you to confidently waterproof regular (5m) or large (10m) shower structures. Choose additional components from the standard range as required.

Features

- | | |
|--------------|---------------------|
| Floor Type | - Timber / Concrete |
| Floor Finish | - Tile |
| Walls | - All |
| Application | - Use Tile Adhesive |
| Size | - 1m Wide Rolls |

Includes

Membrane - 1 x 5m / 1 x 10m
Joint Sealing Tape - 1 x 10m / 1 x 15m
Corner - 1x Internal
Instructions

Size

Waterproofing Kit 5m
Waterproofing Kit 10m

Code

007 00513
007 00514



AquaeGUARD™ KITS



AquaeGUARD™

AquaeGUARD™

This German range of professional waterproofing membranes is designed especially for tiles, natural stone & mosaic. Ultra thin sheet membrane protects all floors & walls from damage by leaks. This excellent membrane stops penetration by water and steam, protecting the building from damage.

- AquaeGUARD™ Floor is a decoupling & sealing membrane for the floor only
- AquaeGUARD™ Universal is used on both floors and walls

Features

- | | |
|--------------|--|
| Floor Type | - Timber / Concrete |
| Floor Finish | - Tile / Stone |
| Material | - Polyethylene / Polypropylene Trilaminate |
| Thickness | - 0.5mm |
| Adhesive | - Cementitious, powder |
| Curing Time | - Start tiling immediately |

Application

AquaeGUARD™ - Floor Only
Floor
AquaeGUARD™ - All Floors & Walls
Universal

Size

UNIVERSAL, Membrane Roll 5m 00700500
UNIVERSAL, Membrane Roll 10m 00700501
UNIVERSAL, Membrane Roll 30m 00700502
FLOOR, Membrane Roll 5m 00700503
FLOOR, Membrane Roll 30m 00700504
Joint Sealing Tape, 10m 00700508
Joint Sealing Tape, 15m 00700509
Joint Sealing Tape, 50m 00700510
INTERNAL Corner 00700506
EXTERNAL Corner 00700507
Gasket, Floor Collar 00700505
Bridging Collar, Pipe 00700512

Code



WATERPROOFING

22



INSTALLATION SYSTEMS

23

GRADIENT FORMERS

How to....WATERPROOF

- 1... Fit structural components
- 2-4... Apply joining tape accessories to cover all gaps & joists.

AquaeSEAL

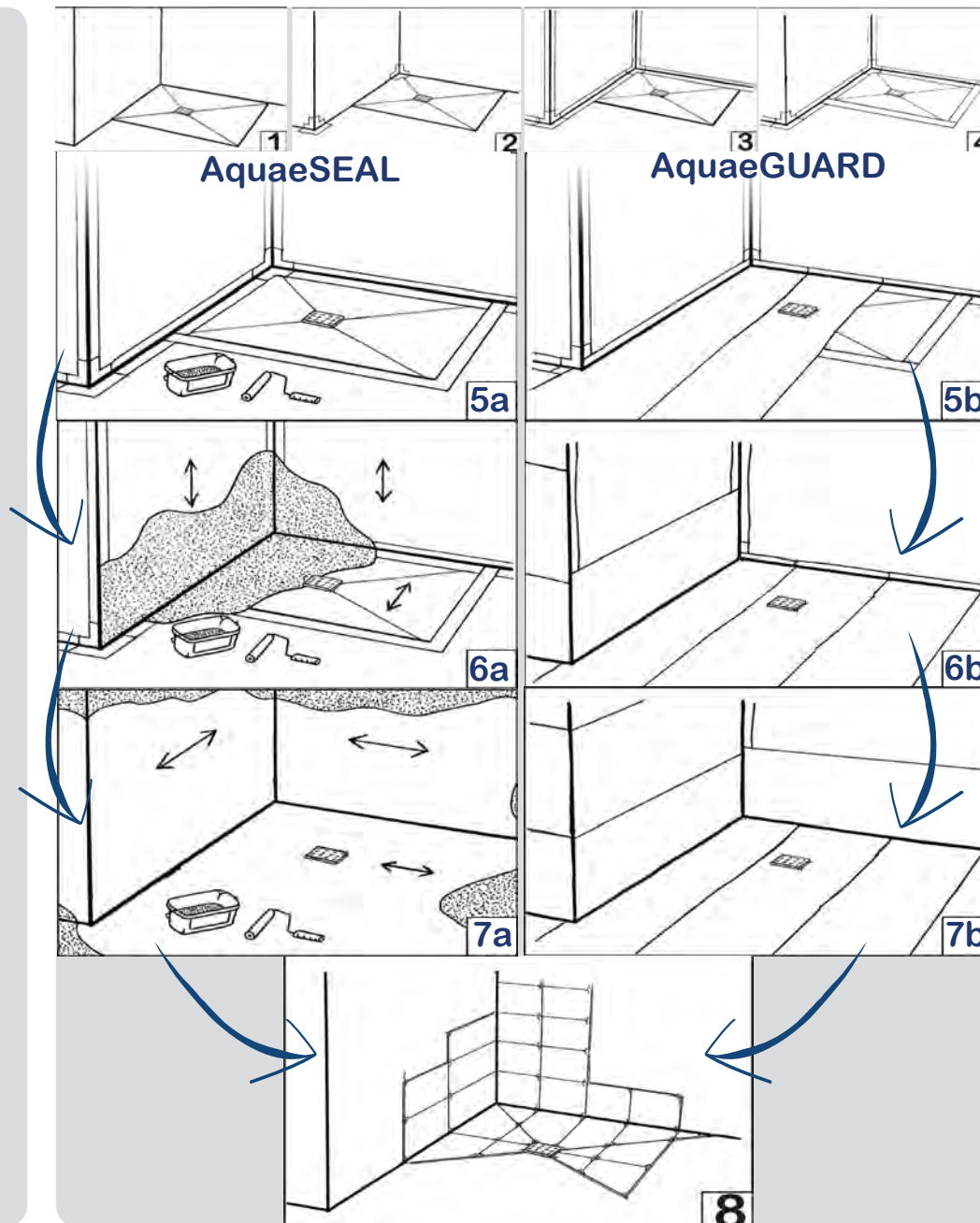
- 5a... Mix & prepare waterproof gel
- 6a... Apply evenly across surface
- 7a... Apply 2nd coat at 90 degrees

AquaeGUARD

- 5b... Cut to size & fix membrane to floor
- 6b... Fold membrane up walls & overlap membrane on wall
- 7b... Continue horizontal overlaps up walls

ALL

- 8... Tile & Grout



EDGESeal™

Flexible & stretchy membrane to stop leaks by permanently sealing baths & shower trays to walls behind tiles.

With a fleecy texture to grab to tile adhesive, this tape has a self adhesive strip along 1x side.

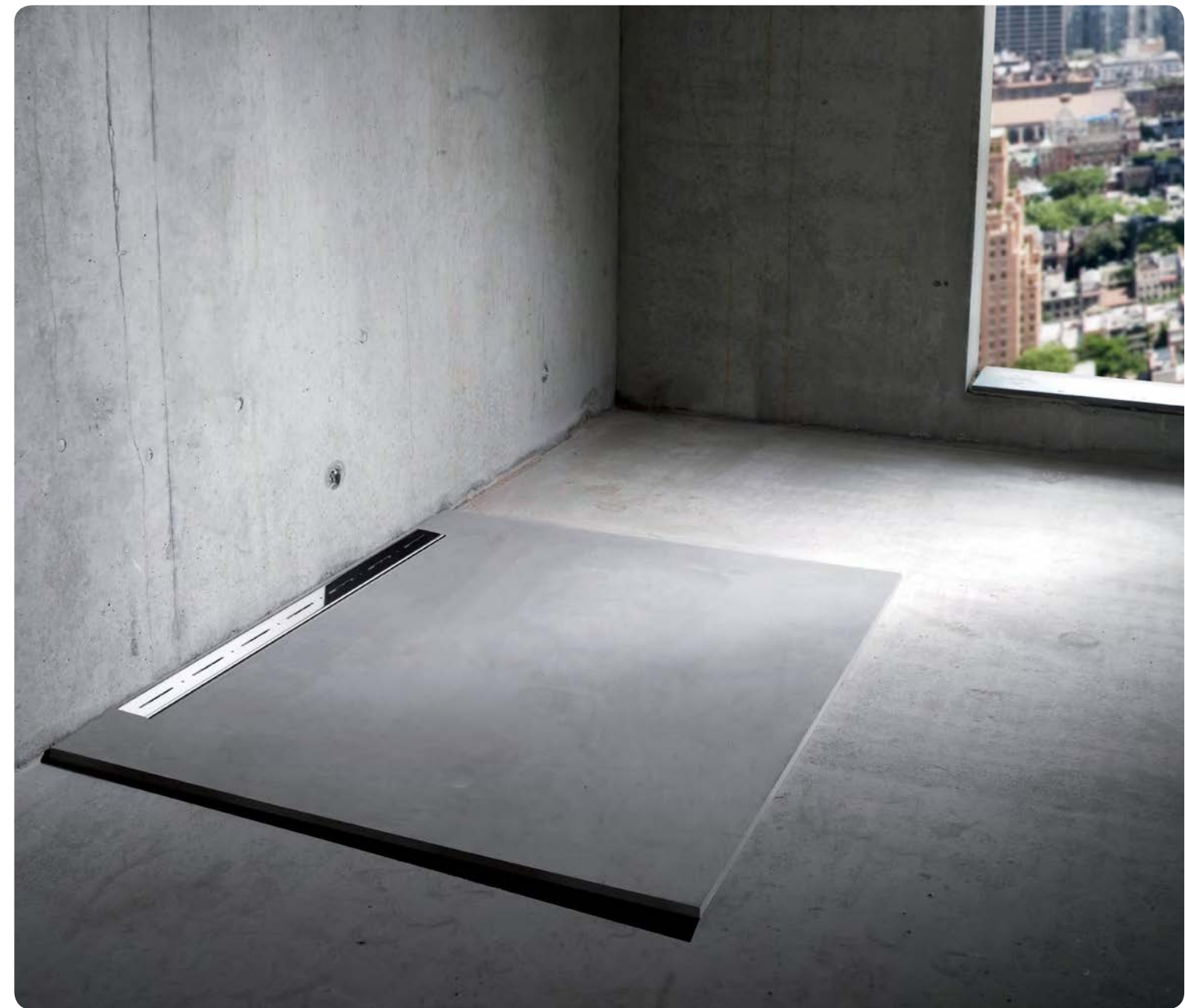
Technical Data

Size	- 120mm Wide
Lengths	- 2.0m (Showertray)
	- 2.85m (Showertray / Bath)
	- 3.3m (Large Bath)
	- 20.0m (Trade Pack)

Includes

Tape roll with self adhesive edge

Size	Code
EDGESeal™, REGULAR 2.0m	007 00517
EDGESeal™, MEDIUM 2.85m	007 00518
EDGESeal™, LARGE 3.3m	007 00519
EDGESeal™, TRADE 20.0m	007 00520



Installation Systems - eForm 22 Formers

When fitting linear drains in a custom made shower, a common concern is the floor gradient, needed to direct water to the drain.

Comprehensive testing in Germany shows the fall for linear drains should be different to single point gullys.

The easiest method to correctly build the gradient is to use eForm™ 22 Gradient Boards (also known as floor formers.)

INDEX

- P24 - Model A
- P24 - Model V
- P25 - Model B
- P25 - Model C
- P25 - Model D
- P26 - HOW TO...Install a gradient with eForm™ 22



GRADIENT FORMERS

TIMBER FLOORS

24

eForm™ 22, Model A

Trimable square board to instantly create the correct gradient in shower floors. Suits common waterproof systems, and tile adhesives.

Features

Floor Type	- Timber
Floor Finish	- Tile
Material	- Hardcore™
Waterproofing	- Mineral Polycement

Technical Data

Width	- 1000mm
Length	- 1000mm
Height	- 22mm > 6mm

Includes

Gradient Board
Instructions

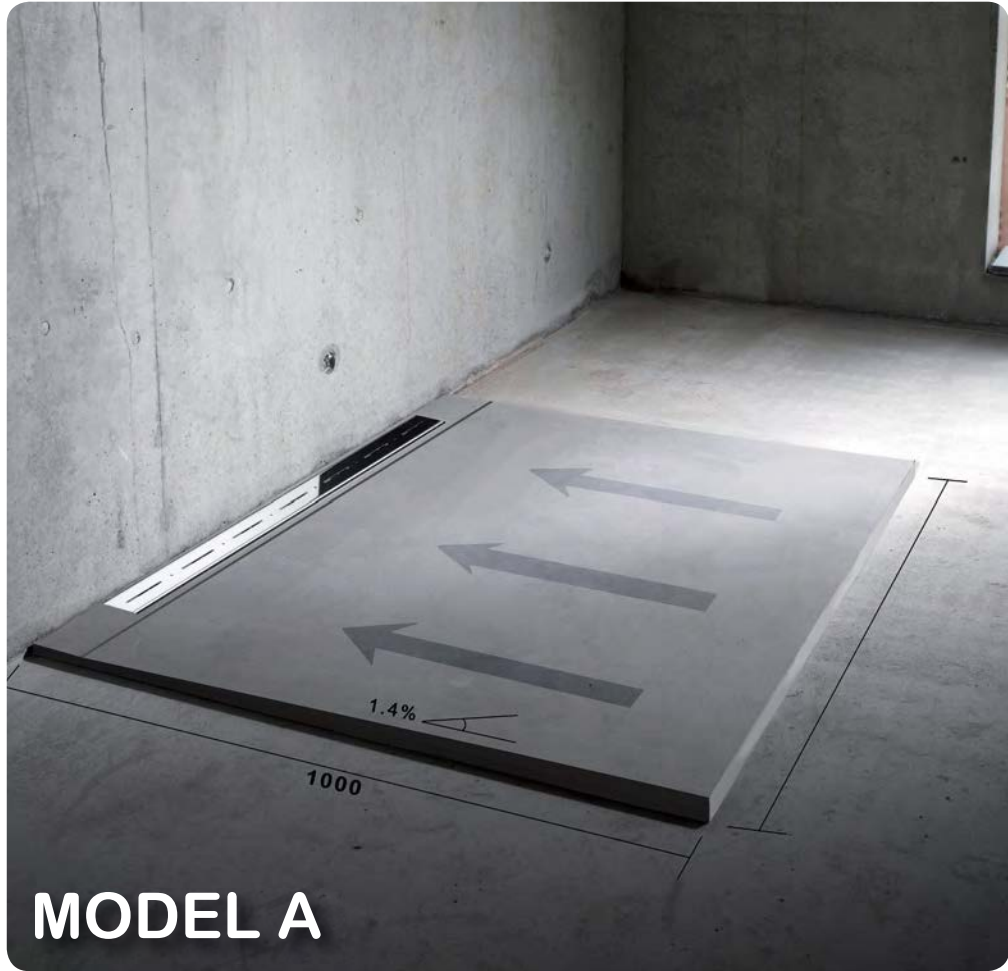
Size

eForm™ 22, Model A

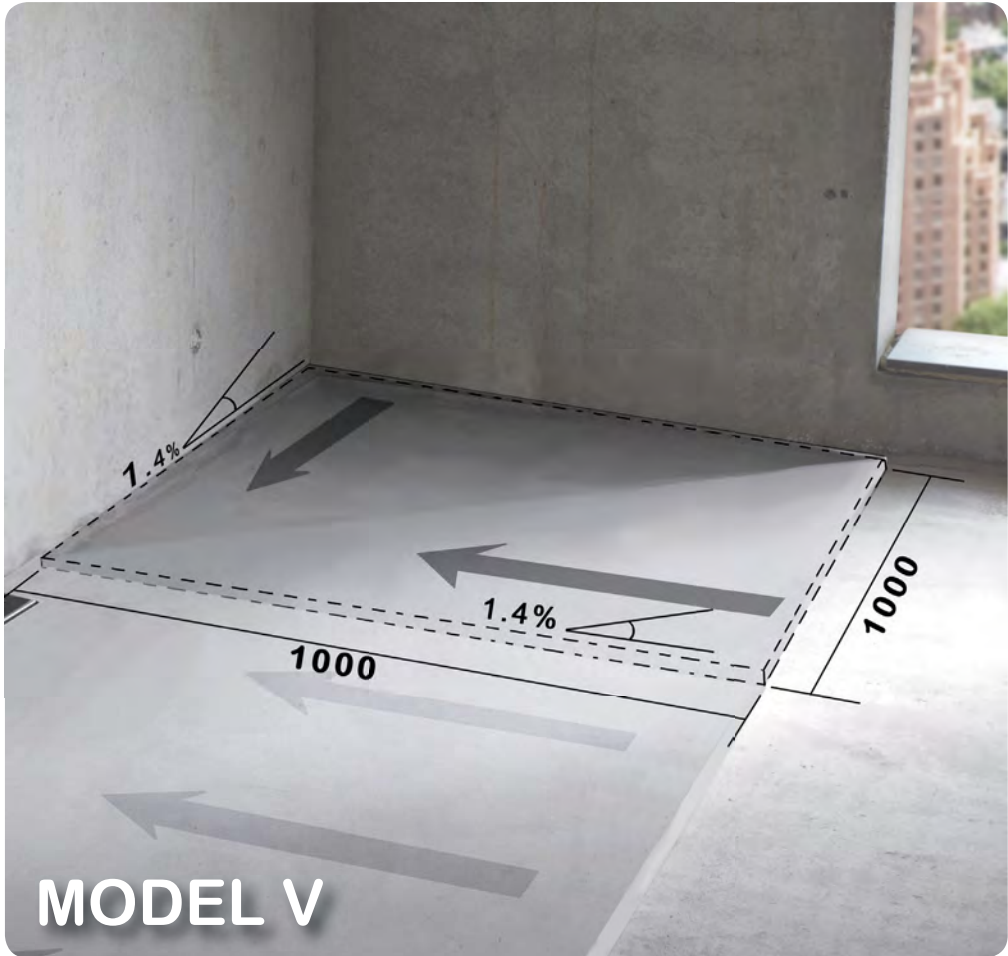
Code

005 00170

HOW TO..., see page P.26
Tech Drawing, see page P.27



MODEL A



MODEL V

eForm™ 22, Model V

Trimable square board to instantly create 2x correct gradients in shower floors. Used with corner drains and to overcome exposed floor sections in certain wetroom shower designs.

Features

Floor Type	- Timber / Stone
Floor Finish	- Tile
Material	- Hardcore™
Waterproofing	- Mineral Polycement

Technical Data

Width	- 1000mm
Length	- 1000mm
Height	- 22mm > 6mm

Includes

Gradient Board
Instructions

Size

eForm™ 22, Model V

Code

005 00174

HOW TO..., see page P.26
Tech Drawing, see page P.27



GRADIENT FORMERS

TIMBER FLOORS

25

eForm™ 22 Model B

Trimable rectangular board to extend Model A & Model V by 500mm to a total of 1500mm along the finished floor level

Features

Floor Type	- Timber
Floor Finish	- Tile / Stone
Material	- Hardcore™
Waterproofing	- Mineral Polycement

Technical Data

Width	- 1000mm
Length	- 500mm
Height	- 22mm > 30mm

Includes

Gradient Board
Instructions

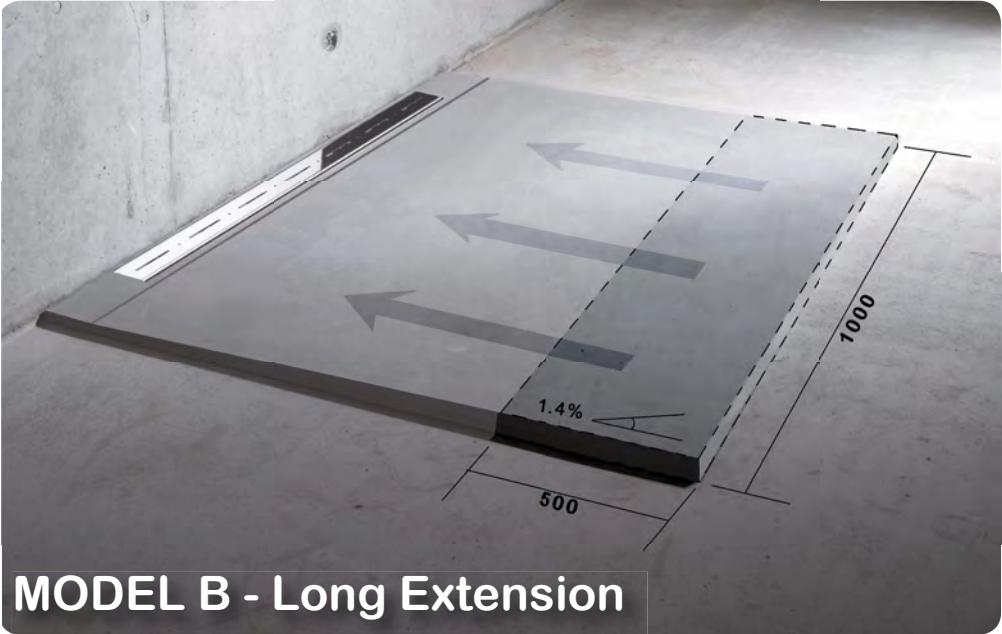
Size

eForm™ 22, Model B

Code

005 00171

HOW TO..., see page P.26
Tech Drawing, see page P.27



MODEL B - Long Extension



MODEL C - Narrow Side Extension

eForm™ 22 Model C

Trimable rectangular board to extend Model A & Model V by 350mm to one side.

Features

Floor Type	- Timber
Floor Finish	- Tile / Stone
Material	- Hardcore™
Waterproofing	- Mineral Polycement

Technical Data

Width	- 350mm
Length	- 1000mm
Build-In Height	- 22mm > 6mm

Includes

Gradient Board
Instructions

Size

eForm™ 22, Model C

Code

005 00172

HOW TO..., see page P.26
Tech Drawing, see page P.27

eForm™ 22 Model D

Trimable rectangular 2x part board to extend Model A & Model V by 700mm to one side.

Features

Floor Type	- Timber
Floor Finish	- Tile / Stone
Material	- Hardcore™
Waterproofing	- Mineral Polycement

Technical Data

Width	- 700mm
Length	- 1000mm
Build-In Height	- 22mm - 6mm

Includes

Gradient Board
Instructions

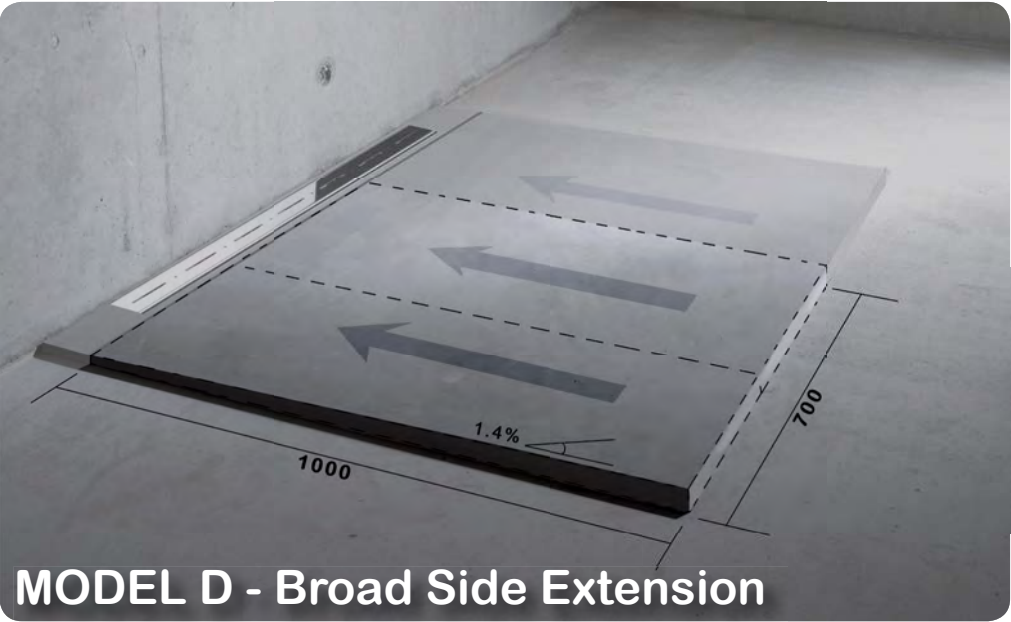
Size

eForm™ 22, Model D

Code

005 00173

HOW TO..., see page P.26
Tech Drawing, see page P.27



MODEL D - Broad Side Extension



HOW TO...

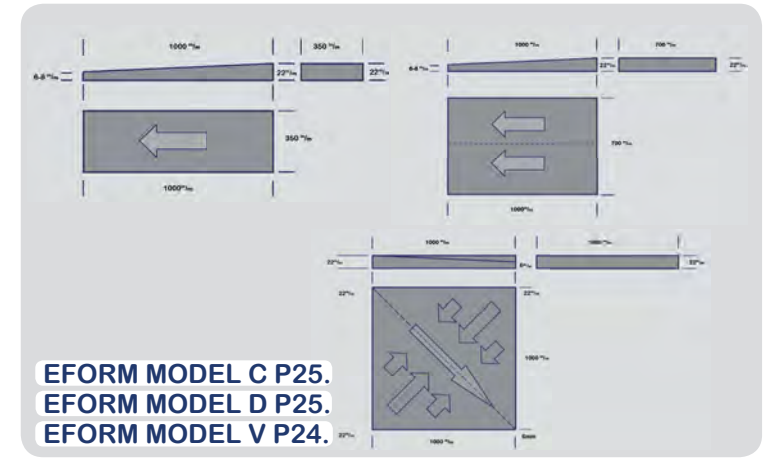
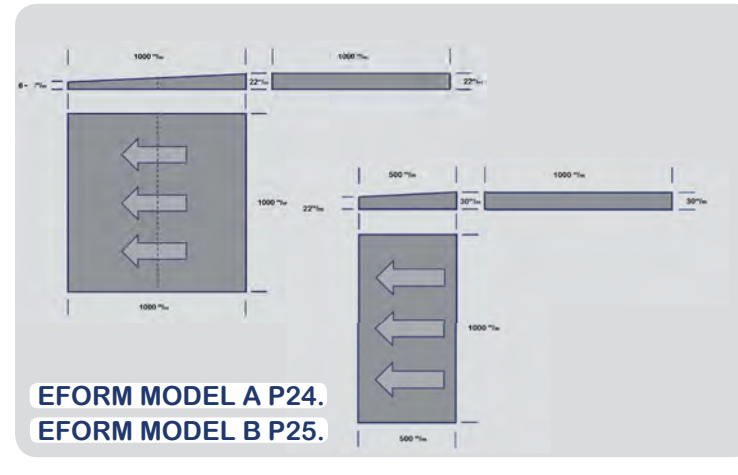
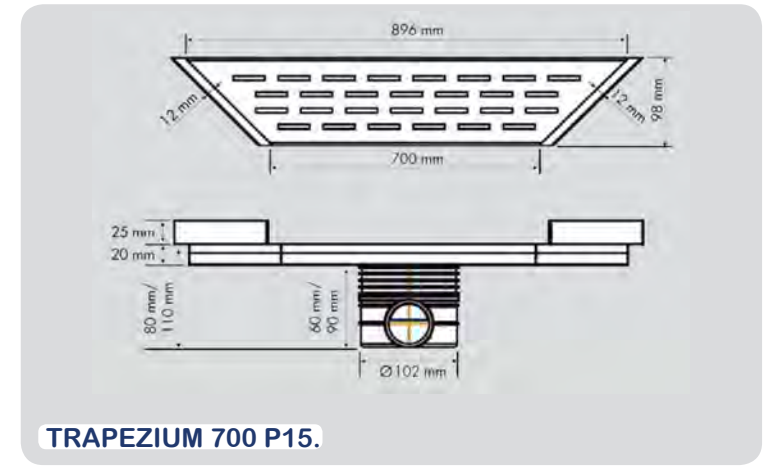
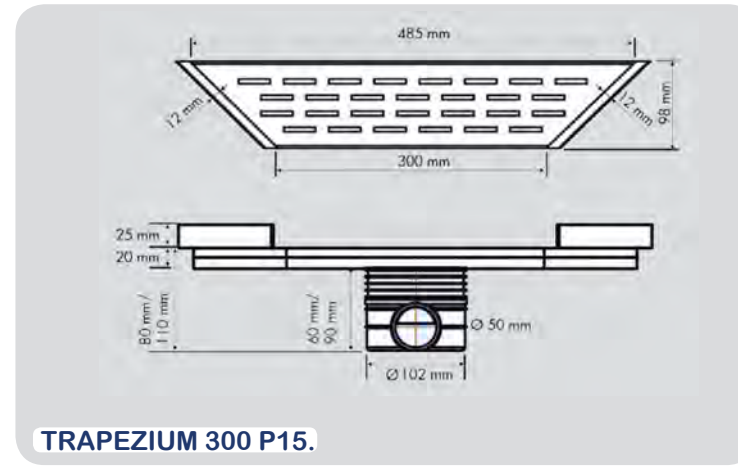
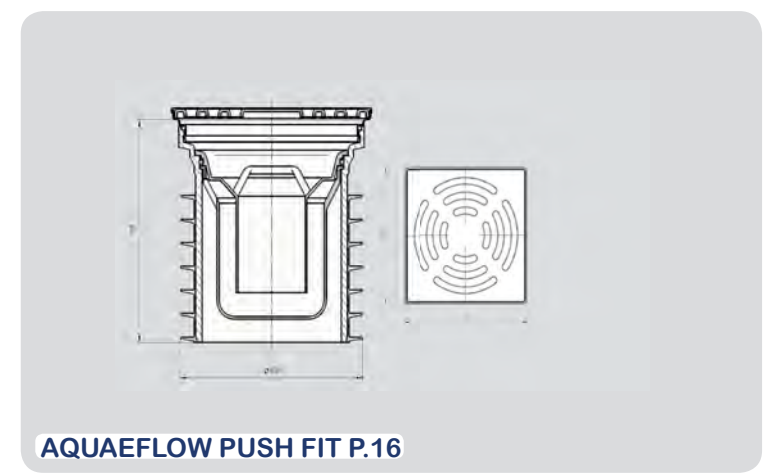
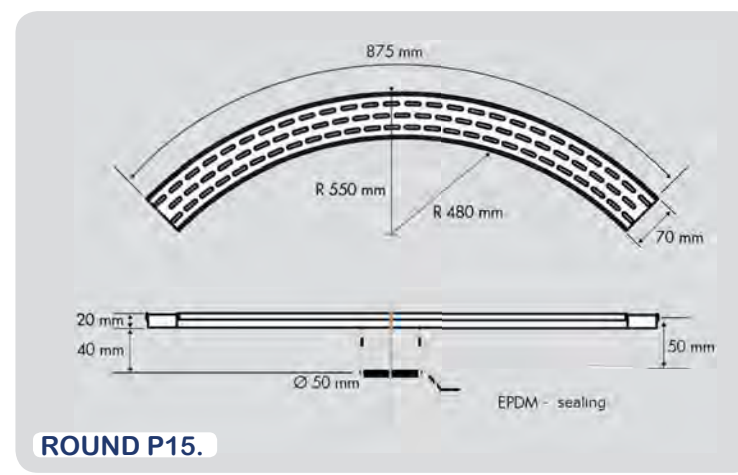
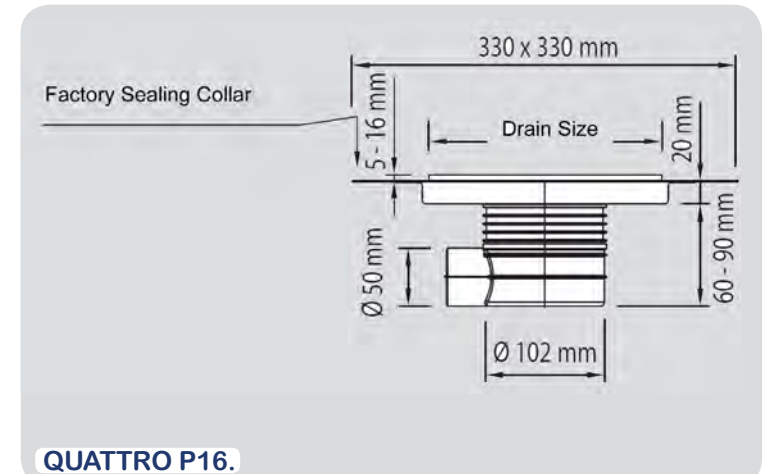
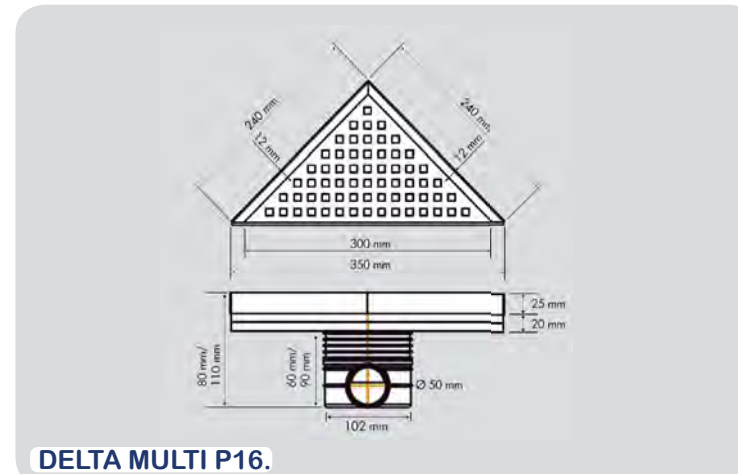
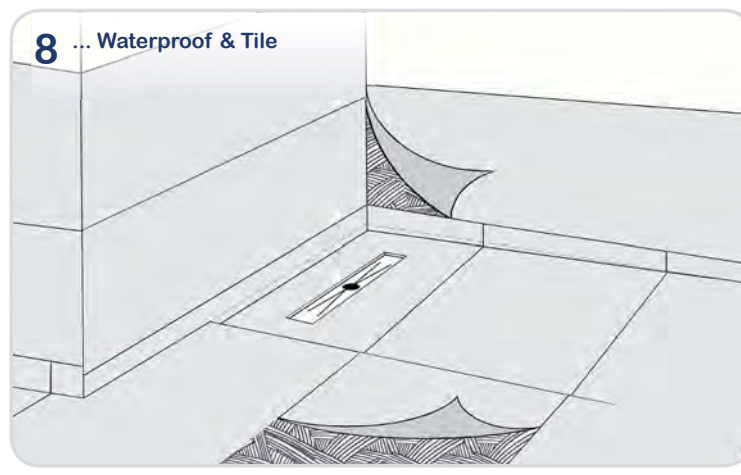
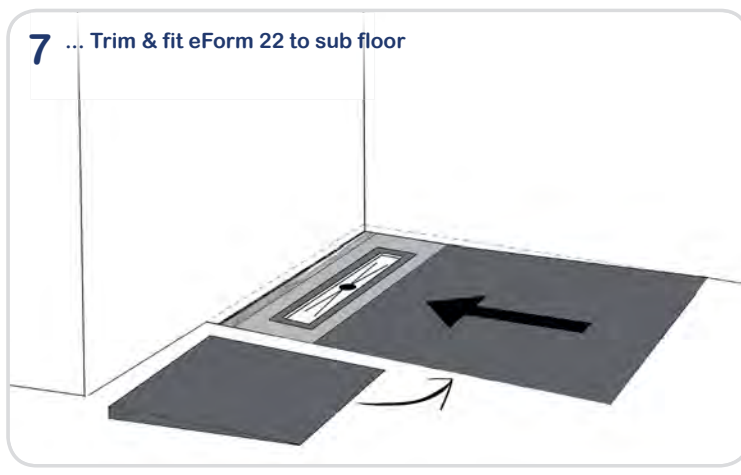
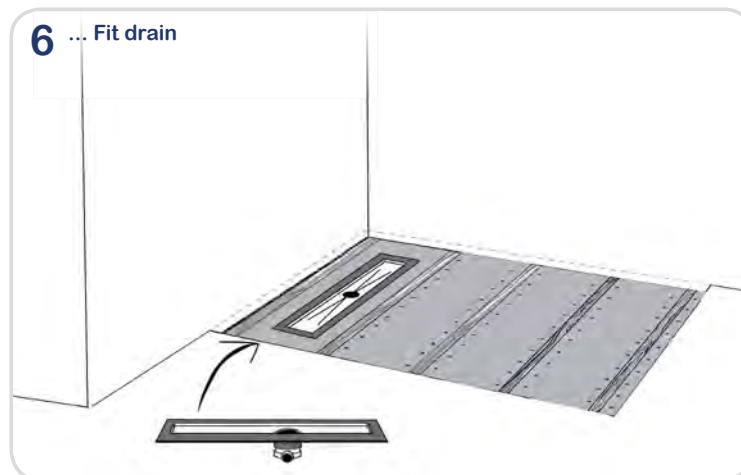
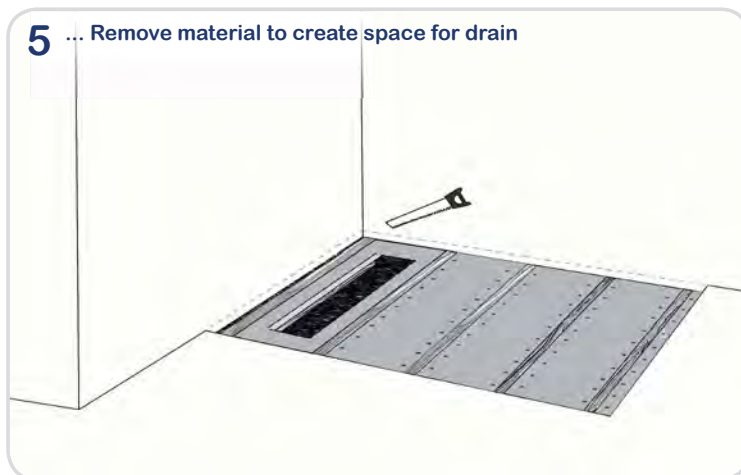
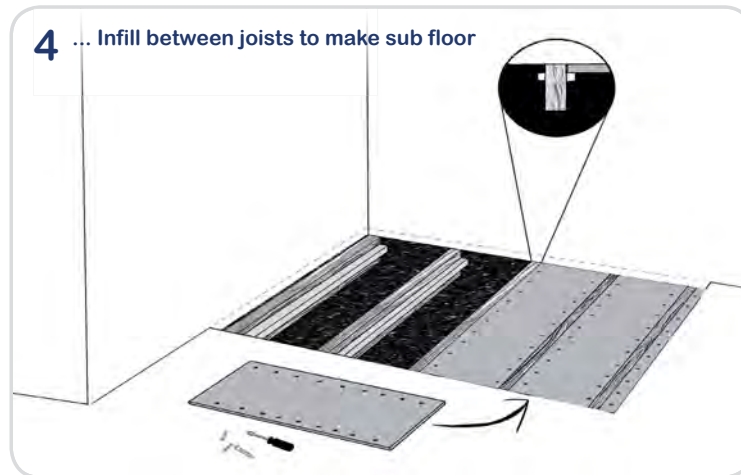
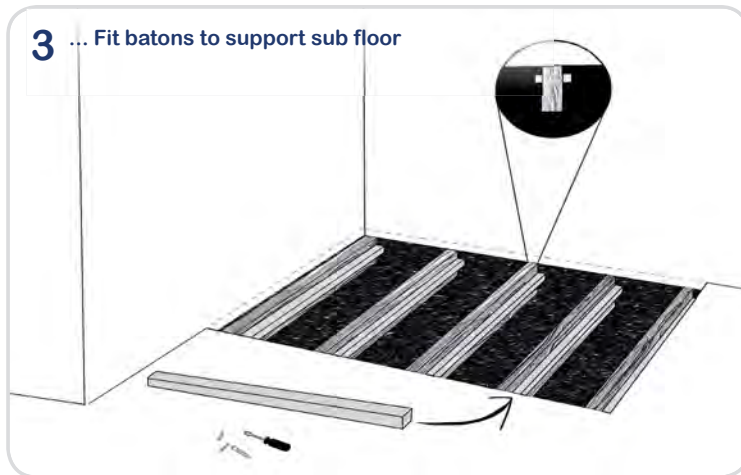
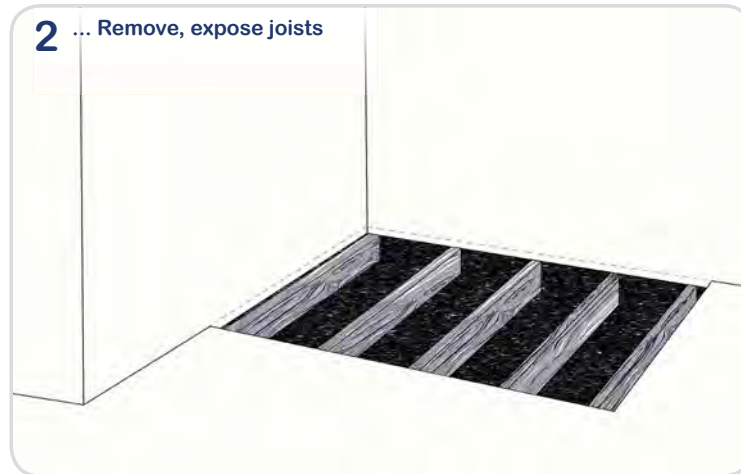
INSTALL a GRADIENT using eForm™ 22

26



DRAWINGS

27



Bathroom Engineering is the partner of choice for all bathroom design & installation professionals. As a business to business specialist, we supply trade companies with not only the very best products, but also offer expert support for designers, contractors, architects, installers, & developers.

BROCHURES include....

- Bathroom Electrical
- Pre-Formed Shower Trays
- Structural Components



DEALER

Bathroom Engineering™

Priory Park
Chewton Mendip
Somerset
Bath
BA3 4NT

T +44(0)1761 241133

F +44(0)1761 241134

sales@bathroom-engineering.co.uk

www.bathroom-engineering.co.uk



bathroom
ENGINEERING