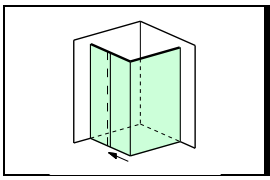
vitris

Glass fittings with logic

Technical Brochure

Aquant 40

COMFORT STOP | PERFECT CLOSE | COMFORT MOVE | COMPACT DESIGN | EASY CLEAN | WATER RESISTANT | EXACT TRIGGER | EASY INSTALL | SYSTEM FIT



Aquant 40 – Corner shower with 1 sliding sash

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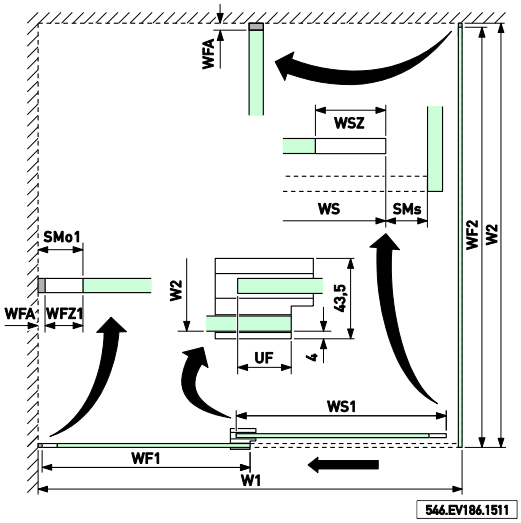
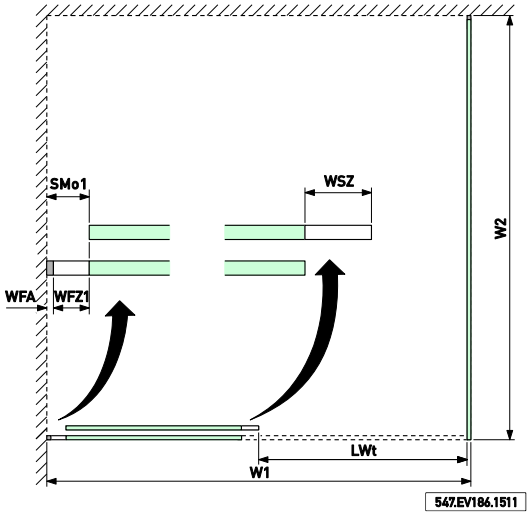
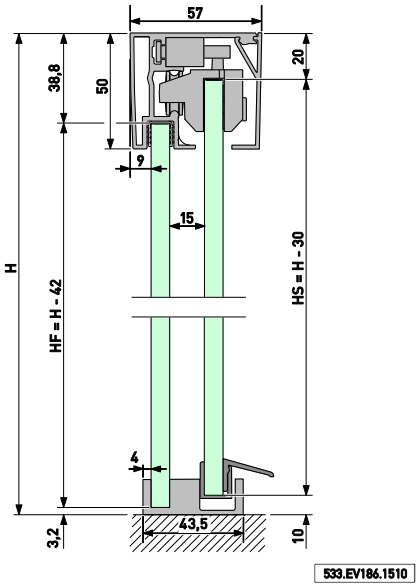
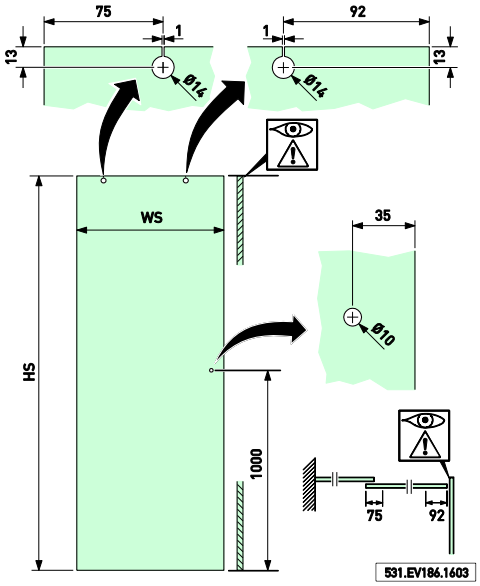


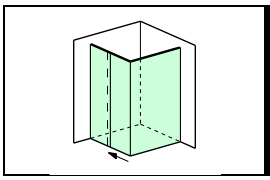






Only make the 10 mm glass drill hole if using the Aquant handle.

Note
For easy planning with Aquant 40, please use the planning tool available at www.willach.com and go to "Vitris", "Glass sliding door fittings for showers" in the "Downloads" area.



Aquant 40 – Corner shower with 1 sliding sash

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Legend
W1 = System width of side 1 (max. 1500 mm)
W2 = System width of side 2 (max. 1500 mm)
H = System height (max. 2500 mm)
LS1 = Length of track profile/cover profile 1
LS2 = Length of track profile/cover profile 2
LWt = clearance with open door

WS1 = Glass width of sliding sash 1 with handle
WSZ = Additional width of sliding sash for handle
HS1 = Glass height of sliding sash 1
MS1 = Weight of sliding sash 1 (incl. weight of handle)

WF1 = Glass width of fixed sash 1
WF2 = Glass width of fixed sash 2
WFA = Allowance for fixed sash for wall attachment
WFZ1 = Additional width of fixed sash 1
HF1 = Glass height of fixed sash 1
HF2 = Glass height of fixed sash 2

UF = Overlap between sliding sash and fixed sash

SMs = Size of gap on the closing side
SMo1 = Size of gap on the opening side for sliding sash 1

Recommended system dimensions
WSZ = 69 mm
SMs = 14 mm
Use of wall profile?

Yes	No
WFA = 14 mm	WFA = 3 mm

Use of vertical sealing strips between fixed and sliding sash?

Yes	No
UF = 5 mm	UF = 35 mm

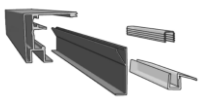
Formulas
WS1 = (W1 - WFA - WFZ1 + WSZ + UF - SMs - 8) / 2
WF1 = WS1 - WSZ + WFZ1
WF2 = W2 – WFA
HS1 = H - 30
HF1 = HF2 = H - 42
SMo1 = WFZ1 + WFA
LS1 = W1 - 49
LS2 = W2 - 49
LWt = W1 - WFA - WF1 - WSZ - 8

Terms
WS1 ≥ 380 mm
MS1 ≤ 40 kg
HS1/WS1 ≤ 5
Use of wall profile?

Yes	No
SMo1 ≥ 40 mm	SMo1 ≥ 20 mm

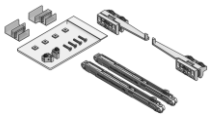
Basic components

Profile set



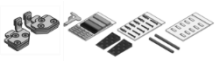
2 x

Accessory kit door sash



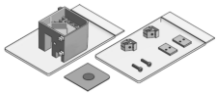
1 x

Accessory kit installation



1 x

Accessory kit corner bracket



1 x

Recommended accessories

Aquant finger pull handle

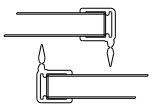
1 x

Bulb seal

1 x

Other optional accessories

Vertical sealing strips between fixed and sliding sash



1 x

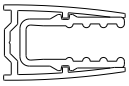
Threshold profile, aluminium, cut straight

1 x

Threshold profile, transparent plastic, cut straight

1 x

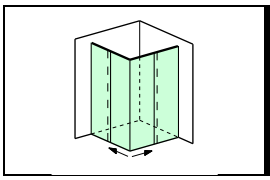
Wall profile



2 x

Floor profile

1 - 2 x



Aquant 40 – Corner shower with 2 sliding sashes and corner entry

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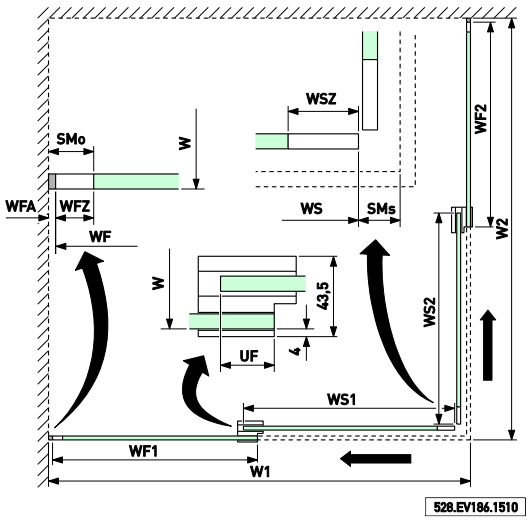
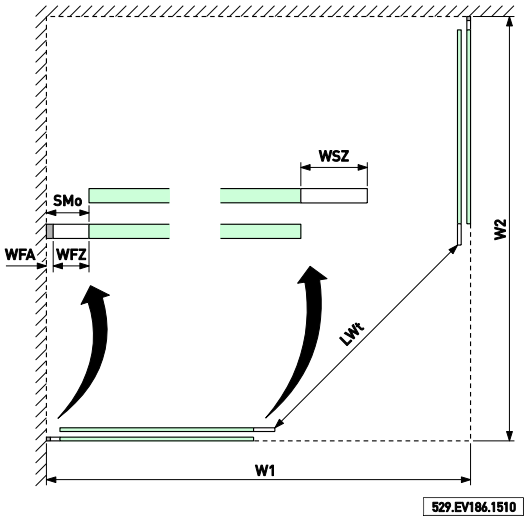
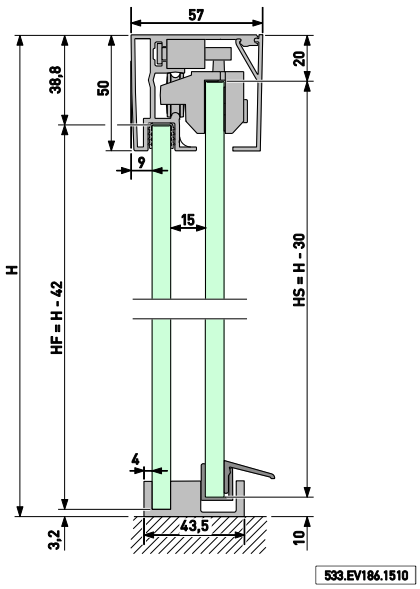
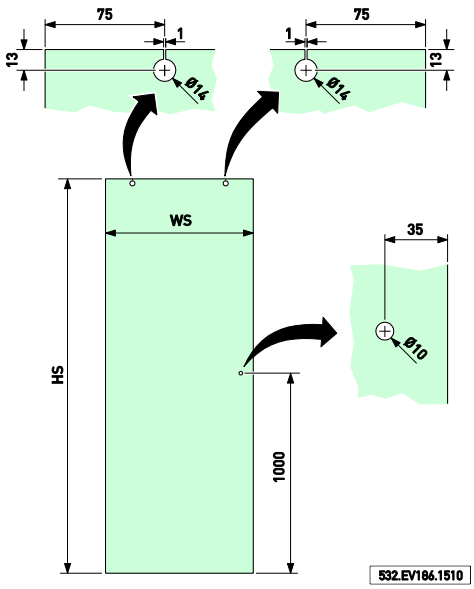


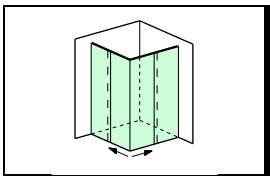






Only make the 10 mm glass drill hole if using the Aquant handle.

Note
For easy planning with Aquant 40, please use the planning tool available at www.willach.com and go to "Vitris", "Glass sliding door fittings for showers" in the "Downloads" area.



Aquant 40 – Corner shower with 2 sliding sashes and corner entry

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Legend
W1 = System width of side 1 (max. 1500 mm)
W2 = System width of side 2 (max. 1500 mm)
H = System height (max. 2500 mm)
LS1 = Length of track profile/cover profile 1
LS2 = Length of track profile/cover profile 2
LWt = clearance with open door

WS1 = Glass width of sliding sash 1 with handle
WS2 = Glass width of sliding sash 2 with handle
WSZ = Additional width of sliding sash for handle
HS1 = Glass height of sliding sash 1
HS2 = Glass height of sliding sash 2
MS1 = Weight of sliding sash 1 (incl. weight of handle)
MS2 = Weight of sliding sash 2 (incl. weight of handle)

WF1 = Glass width of fixed sash 1
WF2 = Glass width of fixed sash 2
WFA = Allowance for fixed sash for wall attachment
WFZ1 = Additional width of fixed sash 1
WFZ2 = Additional width of fixed sash 2
HF1 = Glass height of fixed sash 1
HF2 = Glass height of fixed sash 2

UF = Overlap between sliding sash and fixed sash

SMs = Size of gap on the closing side
SMo1 = Size of gap on the opening side for sliding sash 1
SMo2 = Size of gap on the opening side for sliding sash 2

Recommended system dimensions
WSZ = 69 mm
SMs = 31 mm
Use of wall profile?

Yes	No
WFA = 14 mm	WFA = 3 mm

Use of vertical sealing strips between fixed and sliding sashes?

Yes	No
UF = 5 mm	UF = 35 mm

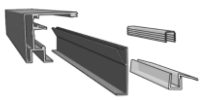
Formulas
WS1 = (W1 - SMs - WFA - WFZ1 + UF + WSZ - 8) / 2
WF1 = WS1 - WSZ + WFZ1
WS2 = (W2 - SMs - WFA - WFZ2 + UF + WSZ - 8) / 2
WF2 = WS2 - WSZ + WFZ2
HS1 = HS2 = H - 30
HF1 = HF2 = H - 42
SMo1 = WFZ1 + WFA
SMo2 = WFZ2 + WFA
LS1 = W1 - 49
LS2 = W2 - 49

Terms
WS1 ≥ 380 mm and WS2 ≥ 380 mm
MS1 ≤ 40 kg and MS2 ≤ 40 kg
HS1/WS1 ≤ 5 and HS2/WS2 ≤ 5
Use of wall profile?

Yes	No
SMo1 ≥ 40 mm	SMo1 ≥ 20 mm
SMo2 ≥ 40 mm	SMo2 ≥ 20 mm

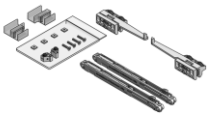
Basic components

Profile set



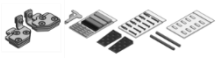
2 x

Accessory kit door sash



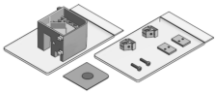
2 x

Accessory kit installation



1 x

Accessory kit corner bracket



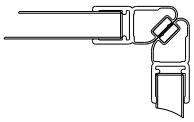
1 x

Recommended accessories

Aquant finger pull handle

2 x

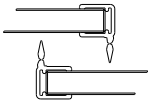
Magnetic seals 90°



1 x

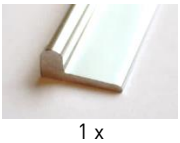
Other optional accessories

Vertical sealing strips between fixed and sliding sash



2 x

Threshold profile, aluminium, bevelled on one side

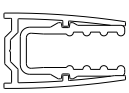


1 x

Threshold profile, transparent plastic, bevelled on one side

1 x

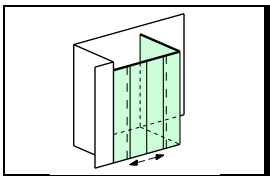
Wall profile



2 x

Floor profile

1 bis 2 x



Aquant 40 – Corner shower with 2 sliding sashes on one side

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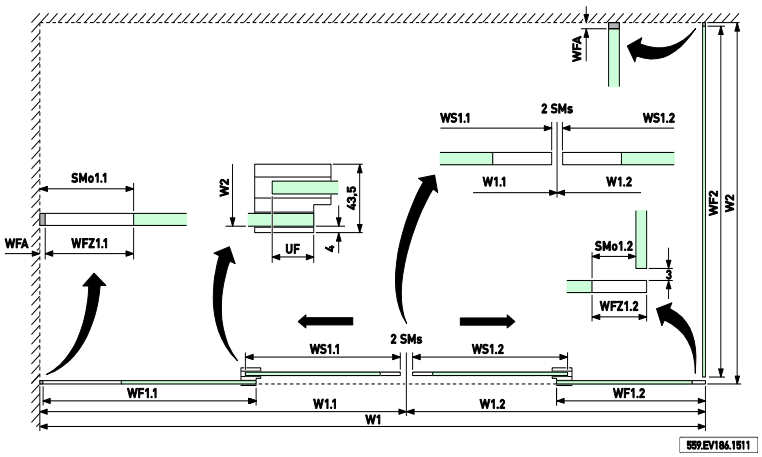
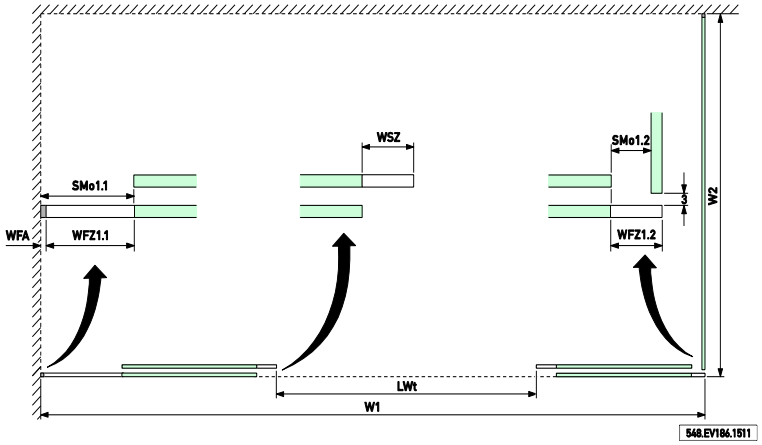
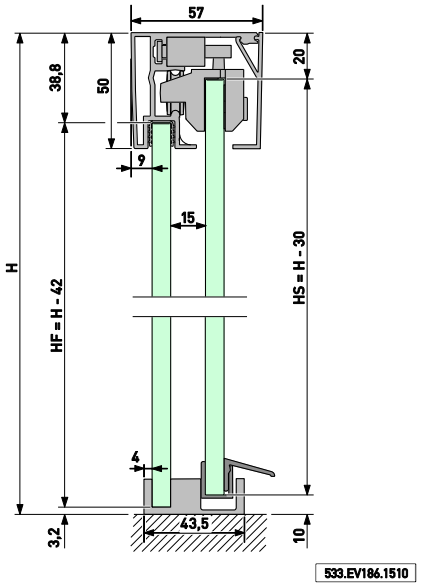
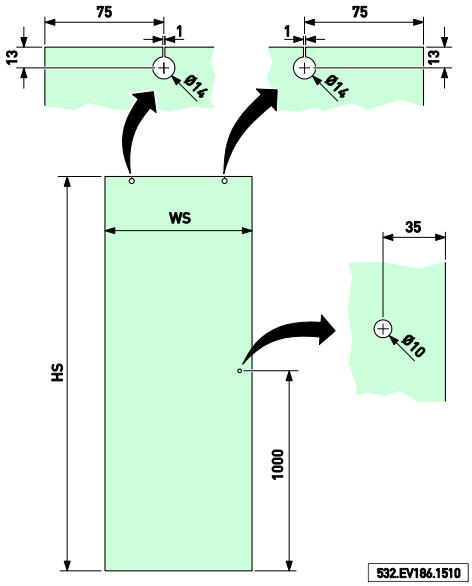




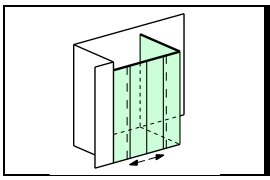




Only make the 10 mm glass drill hole if using the Aquant handle.

Note

For easy planning with Aquant 40, please use the planning tool available at www.willach.com and go to "Vitris", "Glass sliding door fittings for showers" in the "Downloads" area.



Aquant 40 – Corner shower with 2 sliding sashes on one side

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Legend
W1 = System width of side 1 (max. 2000 mm)
W1.1 = System width of side 1 section 1
W1.2 = System width of side 1 section 2
W2 = System width of side 2 (max. 1200 mm)
H = System height (max. 2500 mm)
LS1 = Length of track profile/cover profile 1
LS2 = Length of track profile/cover profile 2
LWt = clearance with open door

WS1.1 = Glass width of sliding sash 1.1 with handle
WS1.2 = Glass width of sliding sash 1.2 with handle
WSZ = Additional width of sliding sash for handle
HS1.1 = Glass height of sliding sash 1.1
HS1.2 = Glass height of sliding sash 1.2
MS1.1 = Weight of sliding sash 1.1 (incl. weight of handle)
MS1.2 = Weight of sliding sash 1.2 (incl. weight of handle)

WF1.1 = Glass width of fixed sash 1.1
WF1.2 = Glass width of fixed sash 1.2
WF2 = Glass width of fixed sash 2
WFA = Allowance for fixed sash for wall attachment
WFZ1.1 = Additional width of fixed sash 1.1
WFZ1.2 = Additional width of fixed sash 1.2
HF1.1 = Glass height of fixed sash 1.1
HF1.2 = Glass height of fixed sash 1.2
HF2 = Glass height of fixed sash 2

UF = Overlap between sliding sash and fixed sash

SMs = Size of gap on the closing side
SMo1.1 = Size of gap on the opening side for sliding sash 1.1
SMo1.2 = Size of gap on the opening side for sliding sash 1.2

Recommended system dimensions
WSZ = 69 mm
SMs = 10 mm
Use of wall profile?

Yes	No
WFA = 14 mm	WFA = 3 mm

Use of vertical sealing strips between fixed and sliding sashes?

Yes	No
UF = 5 mm	UF = 35 mm

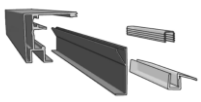
Formulas
W1.2 = W1 - W1.1
WS1.1 = (W1.1 - SMs - WFA - WFZ1.1 + UF + WSZ) / 2
WF1.1 = WS1.1 - WSZ + WFZ1.1
WS1.2 = (W1.2 - SMs - WFZ1.2 + UF + WSZ) / 2
WF1.2 = WS1.2 - WSZ + WFZ1.2
WF2 = W2 - WFA - 11
HS1.1 = HS1.2 = H - 30
HF1.1 = HF1.2 = HF2 = H - 42
SMo1.1 = WFZ1.1 + WFA and SMo1.2 = WFZ1.2 - 8
LS1 = W1 – 49 and LS2 = W2 - 49
LWt = W1 - WFA - WFZ1.1 - WS1.1 - WS1.2 - WFZ1.2

Terms
WS1.1 ≥ 380 mm and WS1.2 ≥ 380 mm
MS1.1 ≤ 40 kg and MS1.2 ≤ 40 kg
HS1.1/WS1.1 ≤ 5 and HS1.2/WS1.2 ≤ 5
Use of wall profile?

Yes	No
SMo1.1 ≥ 40 mm SMo1.2 ≥ 30 mm	SMo1.1 ≥ 20 mm SMo1.2 ≥ 30 mm

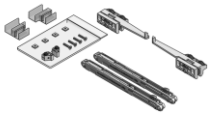
Basic components

Profile set



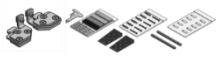
2 x

Accessory kit door sash



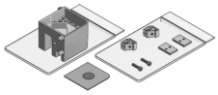
2 x

Accessory kit installation



1 x

Accessory kit corner bracket



1 x

Recommended accessories

Aquant finger pull handle

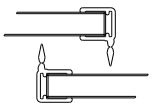
2 x

Magnetic seals 180°

1 x

Other optional accessories

Vertical sealing strips between fixed and sliding sash



2 x

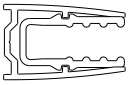
Threshold profile, aluminium, cut straight

1 – 2 x

Threshold profile, transparent plastic, cut straight

1 – 2 x

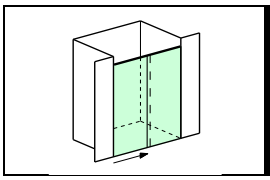
Wall profile



2 x

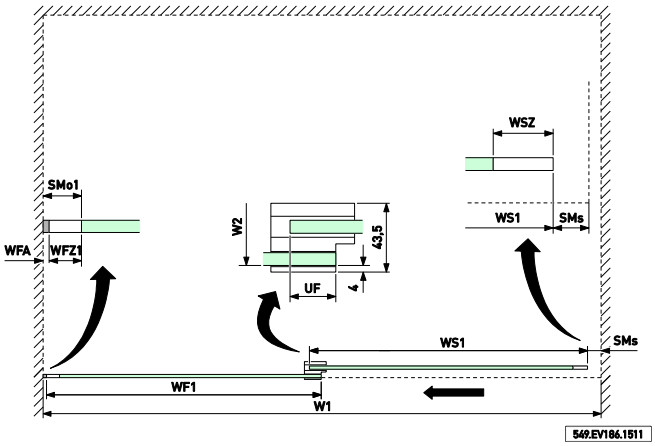
Floor profile

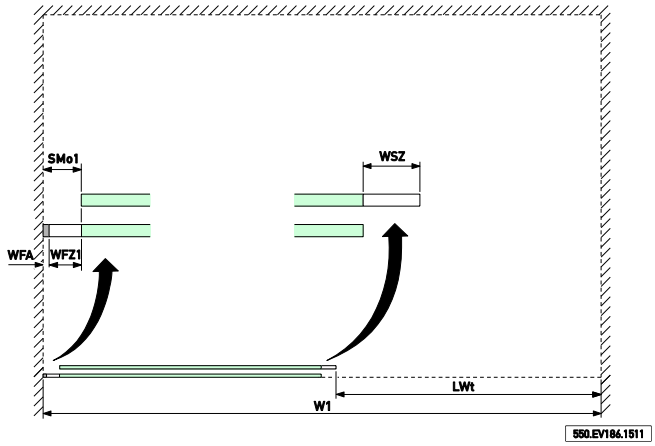
1 - 2 x

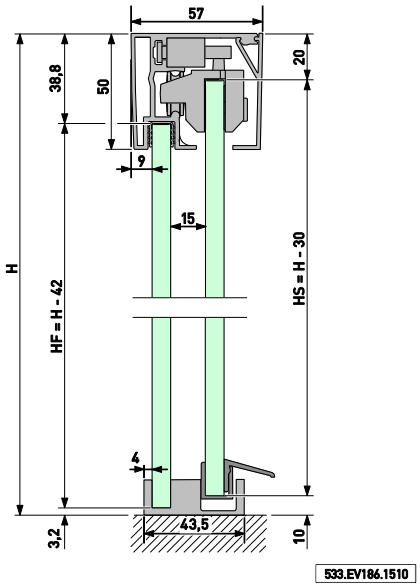


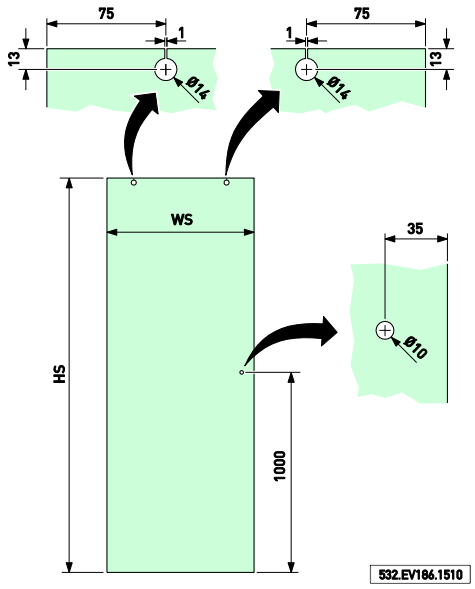
Aquant 40 – Recess shower with 1 sliding sash

vitris



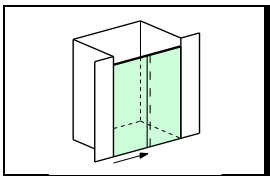






Only make the 10 mm glass drill hole if using the Aquant handle.

Note
For easy planning with Aquant 40, please use the planning tool available at www.willach.com and go to "Vitris", "Glass sliding door fittings for showers" in the "Downloads" area.



Aquant 40 – Recess shower with 1 sliding sash

vitris

Legend
W1 = System width of side 1 (max. 1700 mm)
H = System height (max. 2500 mm)
LS1 = Length of track profile/cover profile 1
LWt = clearance with open door

WS1 = Glass width of sliding sash 1 with handle
WSZ = Additional width of sliding sash for handle
HS1 = Glass height of sliding sash 1
MS1 = Weight of sliding sash 1 (incl. weight of handle)

WF1 = Glass width of fixed sash 1
WFA = Allowance for fixed sash for wall attachment
WFZ1 = Additional width of fixed sash 1
HF1 = Glass height of fixed sash 1

UF = Overlap between sliding sash and fixed sash

SMs = Size of gap on the closing side
SMo1 = Size of gap on the opening side for sliding sash 1

Recommended system dimensions
WSZ = 69 mm
SMs = 14 mm
Use of wall profile?

Yes	No
WFA = 14 mm	WFA = 3 mm

Use of vertical sealing strips between fixed and sliding sash?

Yes	No
UF = 5 mm	UF = 35 mm

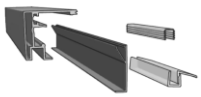
Formulas
WS1 = (W1 - WFA - WFZ1 + WSZ + UF - SMs) / 2
WF1 = WS1 - WSZ + WFZ1
HS = H - 30
HF = H - 42
SMo1 = WFZ1 + WFA
LS1 = W1
LWt = W1 - WFA - WF1 – WSZ

Terms
WS1 ≥ 380 mm
MS1 ≤ 40 kg
HS1/WS1 ≤ 5
Use of wall profile?

Yes	No
SMo1 ≥ 40 mm	SMo1 ≥ 20 mm

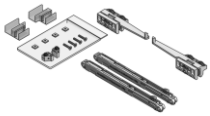
Basic components

Profile set



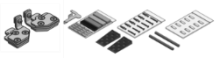
1 x

Accessory kit door sash



1 x

Accessory kit installation



1 x

Recommended accessories

Aquant finger pull handle

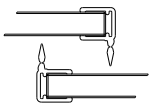
1 x

Bulb seal

1 x

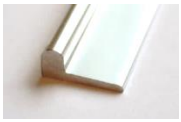
Other optional accessories

Vertical sealing strips between fixed and sliding sash



1 x

Threshold profile, aluminium, cut straight

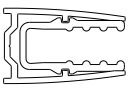


1 x

Threshold profile, transparent plastic, cut straight

1 x

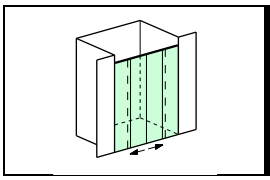
Wall profile



1 x

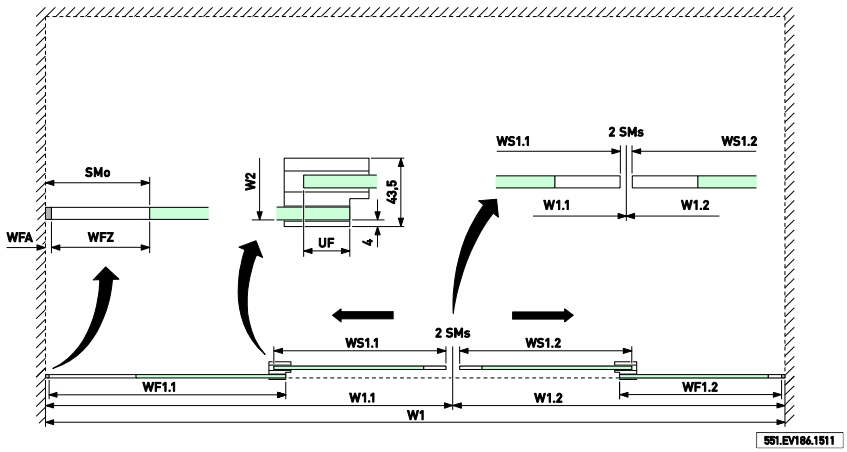
Floor profile

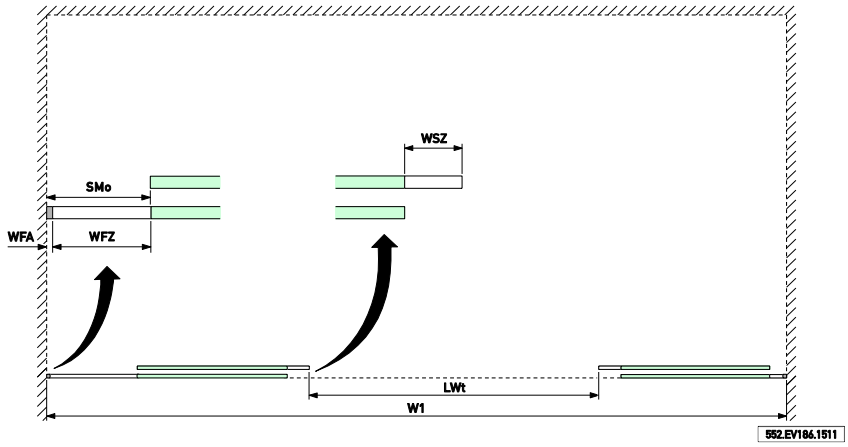
1 x

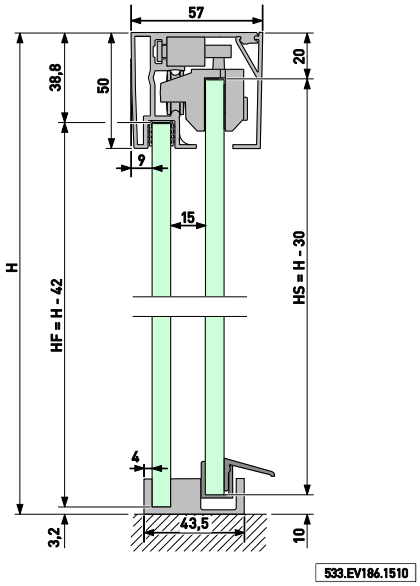


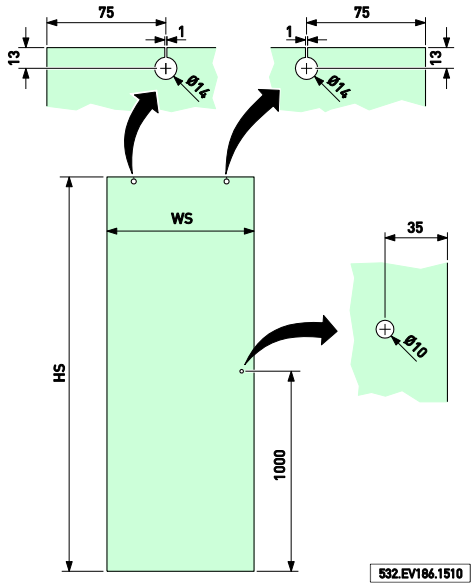
Aquant 40 – Recess shower with 2 sliding sashes

vitris



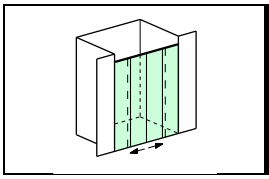






Only make the 10 mm glass drill hole if using the Aquant handle.

Note
For easy planning with Aquant 40, please use the planning tool available at www.willach.com and go to "Vitris", "Glass sliding door fittings for showers" in the "Downloads" area.



Aquant 40 – Recess shower with 2 sliding sashes

vitris

Legend
W1 = System width of side 1 (max. 2000 mm)
W1.1 = System width of side 1 section 1
W1.2 = System width of side 1 section 2
H = System height (max. 2500 mm)
LS1 = Length of track profile/cover profile 1
LWt = clearance with open door

WS1.1 = Glass width of sliding sash 1.1 with handle
WS1.2 = Glass width of sliding sash 1.2 with handle
WSZ = Additional width of sliding sash for handle
HS1.1 = Glass height of sliding sash 1.1
HS1.2 = Glass height of sliding sash 1.2
MS1.1 = Weight of sliding sash 1.1 (incl. weight of handle)
MS1.2 = Weight of sliding sash 1.2 (incl. weight of handle)

WF1.1 = Glass width of fixed sash 1.1
WF1.2 = Glass width of fixed sash 1.2
WFA = Allowance for fixed sash for wall attachment
WFZ1.1 = Additional width of fixed sash 1.1
WFZ1.2 = Additional width of fixed sash 1.2
HF1.1 = Glass height of fixed sash 1.1
HF1.2 = Glass height of fixed sash 1.2

UF = Overlap between sliding sash and fixed sash

SMs = Size of gap on the closing side
SMo1.1 = Size of gap on the opening side for sliding sash 1.1
SMo1.2 = Size of gap on the opening side for sliding sash 1.2

Recommended system dimensions
WSZ = 69 mm
SMs = 10 mm
Use of wall profile?

Yes	No
WFA = 14 mm	WFA = 3 mm

Use of vertical sealing strips between fixed and sliding sashes?

Yes	No
UF = 5 mm	UF = 35 mm

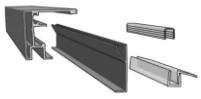
Formulas
W1.2 = W1 - W1.1
WS1.1 = (W1.1 - WFA - WFZ1.1 + WSZ + UF - SMs) / 2
WF1.1 = WS1.1 - WSZ + WFZ1.1
WS1.2 = (W1.2 - WFA - WFZ1.2 + WSZ + UF - SMs) / 2
WF1.2 = WS1.2 - WSZ + WFZ1.2
HS1.1 = HS1.2 = H - 30
HF1.1 = HF1.2 = H - 42
SMo1.1 = WFZ1.1 + WFA
SMo1.2 = WFZ1.2 + WFA
LS1 = W1
LWt = W1 - 2 WFA - WF1.1 - WF1.2 - 2 WSZ - 2 SMs

Terms
WS1.1 ≥ 380 mm and WS1.2 ≥ 380 mm
MS1.1 ≤ 40 kg and MS1.2 ≤ 40 kg
HS1.1/WS1.1 ≤ 5 and HS1.2/WS1.2 ≤ 5
Use of wall profile?

Yes	No
SMo1.1 ≥ 40 mm	SMo1.1 ≥ 20 mm
SMo1.2 ≥ 40 mm	SMo1.2 ≥ 20 mm

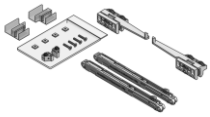
Basic components

Profile set



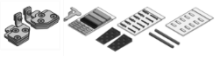
1 x

Accessory kit door sash



2 x

Accessory kit installation



1 x

Recommended accessories

Aquant finger pull handle

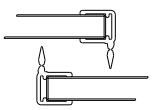
2 x

Magnetic seals 180°

1 x

Other optional accessories

Vertical sealing strips between fixed and sliding sash



2 x

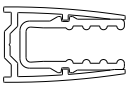
Threshold profile, aluminium, cut straight

1 – 2 x

Threshold profile, transparent plastic, cut straight

1 – 2 x

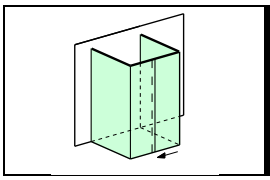
Wall profile



2 x

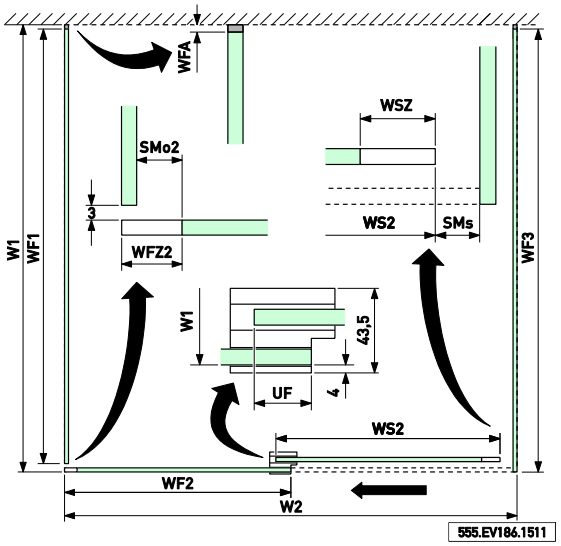
Floor profile

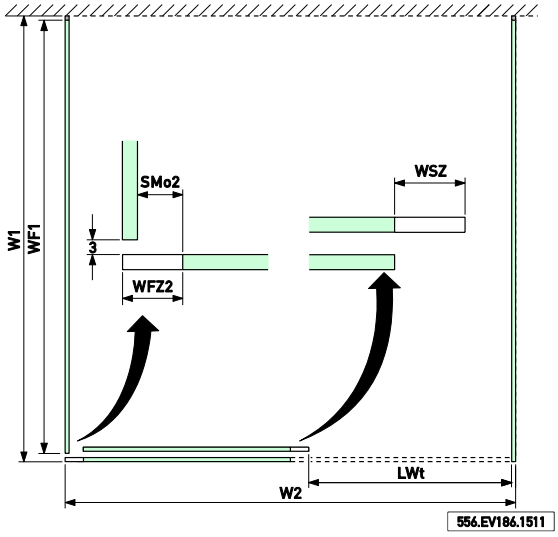
1 x

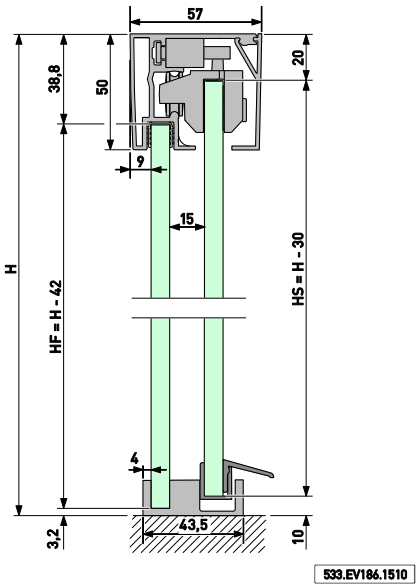


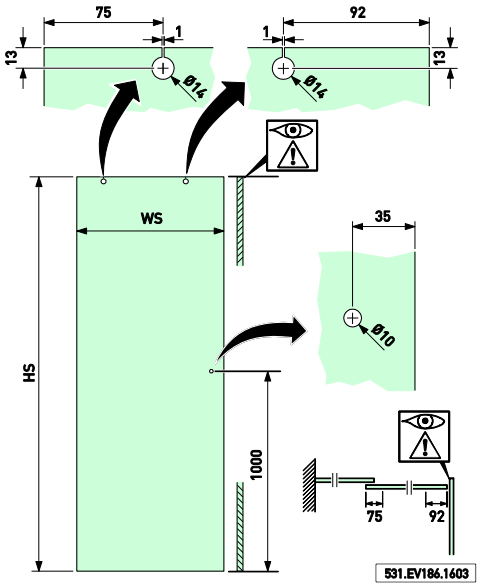
Aquant 40 – U-shower with 1 sliding sash, door at the front

vitris



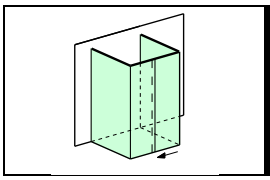






Only make the 10 mm glass drill hole if using the Aquant handle.

Note
For easy planning with Aquant 40, please use the planning tool available at www.willach.com and go to "Vitris", "Glass sliding door fittings for showers" in the "Downloads" area.



Aquant 40 – U-shower with 1 sliding sash, door at the front

vitris

Legend
W1 = System width of side 1 (max. 1500 mm)
W2 = System width of side 2 (max. 1500 mm)
H = System height (max. 2500 mm)
LS1 = Length of track profile/cover profile 1
LS2 = Length of track profile/cover profile 2
LS3 = Length of track profile/cover profile 3
LWt = clearance with open door

WS2 = Glass width of sliding sash 2 with handle
WSZ = Additional width of sliding sash for handle
HS2 = Glass height of sliding sash 2
MS2 = Weight of sliding sash 2 (incl. weight of handle)

WF1 = Glass width of fixed sash 1
WF2 = Glass width of fixed sash 2
WF3 = Glass width of fixed sash 3
WFA = Allowance for fixed sash for wall attachment
WFZ2 = Additional width of fixed sash 2
HF1 = Glass height of fixed sash 1
HF2 = Glass height of fixed sash 2
HF3 = Glass height of fixed sash 3

UF = Overlap between sliding sash and fixed sash

SMs = Size of gap on the closing side
SMo2 = Size of gap on the opening side for sliding sash 2

Recommended system dimensions
WSZ = 69 mm
SMs = 14 mm
Use of wall profile?

Yes	No
WFA = 14 mm	WFA = 3 mm

Use of vertical sealing strips between fixed and sliding sash?

Yes	No
UF = 5 mm	UF = 35 mm

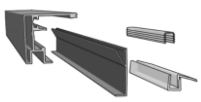
Formulas
WS2 = (W2 - WFZ2 + WSZ + UF - SMs - 8) / 2
WF1 = W1 - WFA - 11
WF2 = WS2 - WSZ + WFZ2
WF3 = W1 - WFA
HS2 = H - 30
HF1 = HF2 = HF3 = H - 42
SMo2 = WFZ2 - 8
LS1 = LS3 = W1 - 49
LS 2 = W2 - 98
LWt = W2 - WF2 - WSZ - 8

Terms
WS2 ≥ 380 mm
MS2 ≤ 40 kg
HS2/WS2 ≤ 5
Use of wall profile?

Yes	No
SMo2 ≥ 30 mm	SMo2 ≥ 30 mm

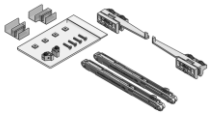
Basic components

Profile set



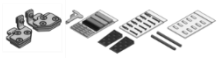
3 x

Accessory kit door sash



1 x

Accessory kit installation



1 x

Accessory kit corner bracket

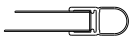
2 x

Recommended accessories

Aquant finger pull handle

1 x

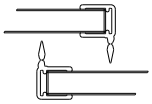
Bulb seal



1 x

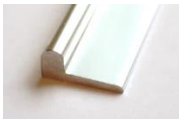
Other optional accessories

Vertical sealing strips between fixed and sliding sash



1 x

Threshold profile, aluminium, cut straight

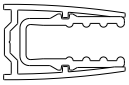


1 x

Threshold profile, transparent plastic, cut straight

1 x

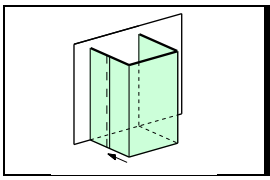
Wall profile



2 x

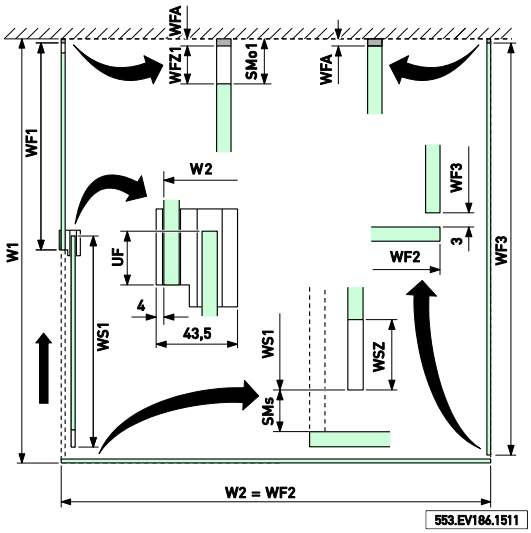
Floor profile

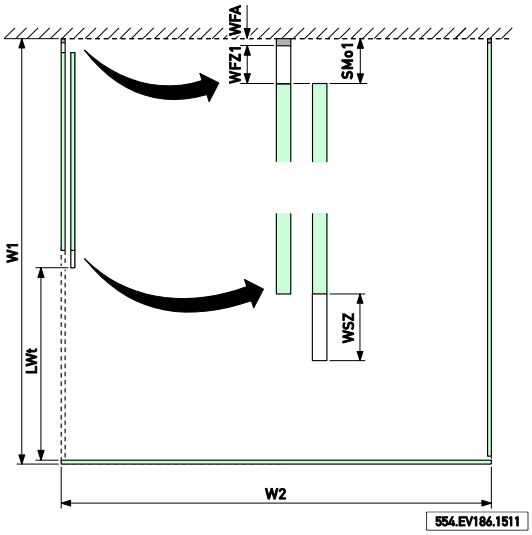
2 - 3 x

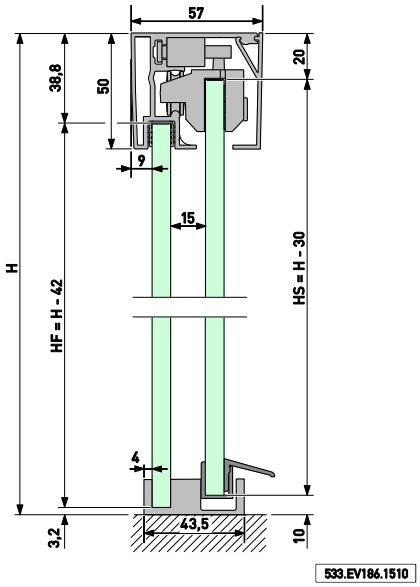


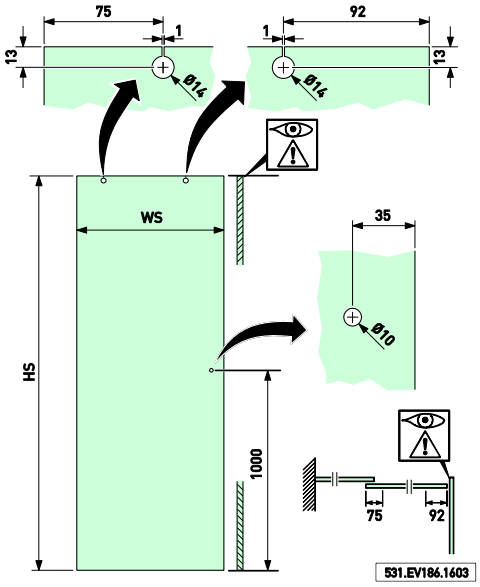
Aquant 40 – U-shower with 1 sliding sash, door at the side

vitris



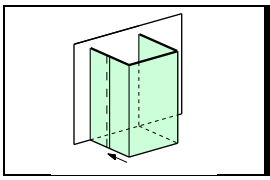






Only make the 10 mm glass drill hole if using the Aquant handle.

Note
For easy planning with Aquant 40, please use the planning tool available at www.willach.com and go to "Vitris", "Glass sliding door fittings for showers" in the "Downloads" area.



Aquant 40 – U-shower with 1 sliding sash, door at the side

vitris

Legend
W1 = System width of side 1 (max. 1500 mm)
W2 = System width of side 2 (max. 1500 mm)
H = System height (max. 2500 mm)
LS1 = Length of track profile/cover profile 1
LS2 = Length of track profile/cover profile 2
LS3 = Length of track profile/cover profile 3
LWt = clearance with open door

WS1 = Glass width of sliding sash 1 with handle
WSZ = Additional width of sliding sash for handle
HS1 = Glass height of sliding sash 1
MS1 = Weight of sliding sash 1 (incl. weight of handle)

WF1 = Glass width of fixed sash 1
WF2 = Glass width of fixed sash 2
WF3 = Glass width of fixed sash 3
WFA = Allowance for fixed sash for wall attachment
WFZ1 = Additional width of fixed sash 1
HF1 = Glass height of fixed sash 1
HF2 = Glass height of fixed sash 2
HF3 = Glass height of fixed sash 3

UF = Overlap between sliding sash and fixed sash

SMs = Size of gap on the closing side
SMo1 = Size of gap on the opening side for sliding sash 1

Recommended system dimensions
WSZ = 69 mm
SMs = 14 mm
Use of wall profile?

Yes	No
WFA = 14 mm	WFA = 3 mm

Use of vertical sealing strips between fixed and sliding sash?

Yes	No
UF = 5 mm	UF = 35 mm

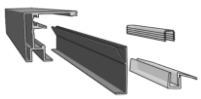
Formulas
WS1 = (W1 - WFA - WFZ1 + WSZ + UF - SMs - 8) / 2
WF2 = W2
WF3 = W1 - WFA - 11
HS1 = H - 30
HF1 = HF2 = HF3 = H - 42
SMo1 = WFZ1 + WFA
LS1 = LS3 = W1 - 49
LS 2 = W2 - 98
LWt = W1 - WF1 - WSZ - 8

Terms
WS1 ≥ 380 mm
MS1 ≤ 40 kg
HS1/WS1 ≤ 5
Use of wall profile?

Yes	No
SMo1 ≥ 40 mm	SMo1 ≥ 20 mm

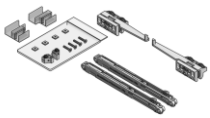
Basic components

Profile set



3 x

Accessory kit door sash

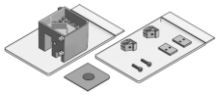


1 x

Accessory kit installation

1 x

Accessory kit corner bracket



2 x

Recommended accessories

Aquant finger pull handle

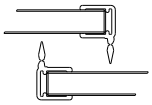
1 x

Bulb seal

1 x

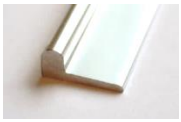
Other optional accessories

Vertical sealing strips between fixed and sliding sash



1 x

Threshold profile, aluminium, cut straight

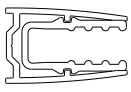


1 x

Threshold profile, transparent plastic, cut straight

1 x

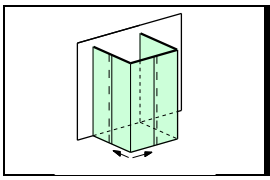
Wall profile



2 x

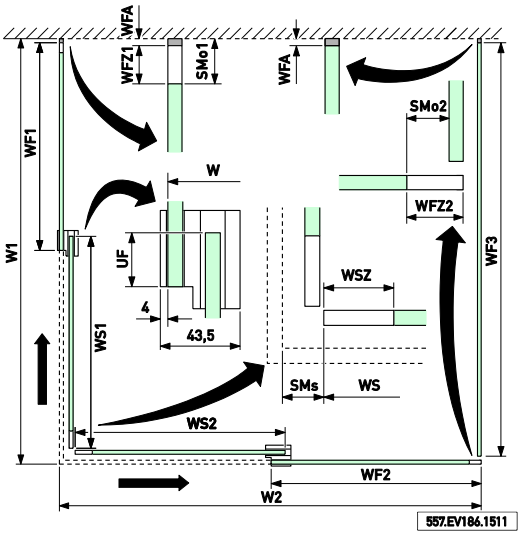
Floor profile

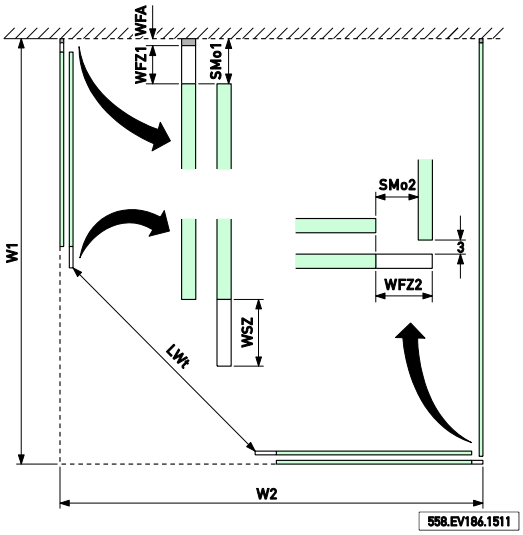
2 - 3 x

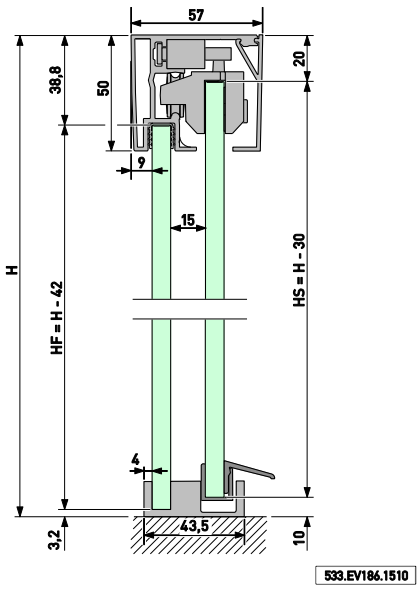


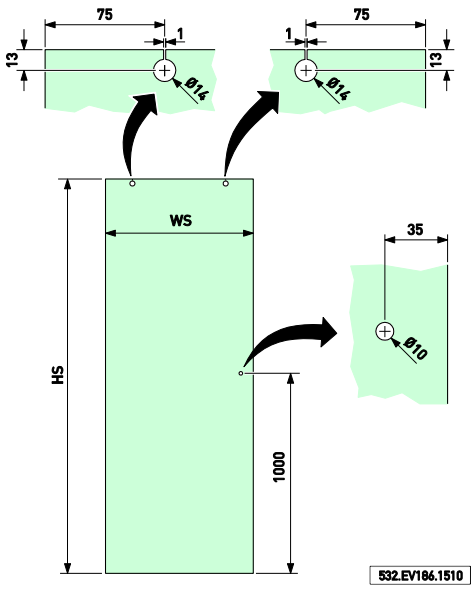
Aquant 40 – U-shower with 2 sliding sashes and corner entry

vitris



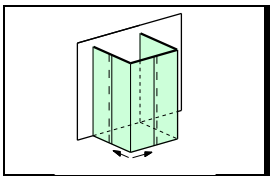






Only make the 10 mm glass drill hole if using the Aquant handle.

Note
For easy planning with Aquant 40, please use the planning tool available at www.willach.com and go to "Vitris", "Glass sliding door fittings for showers" in the "Downloads" area.



Aquant 40 – U-shower with 2 sliding sashes and corner entry

vitris

Legend
W1 = System width of side 1 (max. 1500 mm)
W2 = System width of side 2 (max. 1500 mm)
H = System height (max. 2500 mm)
LS1 = Length of track profile/cover profile 1
LS2 = Length of track profile/cover profile 2
LS3 = Length of track profile/cover profile 3
LWt = clearance with open door

WS1 = Glass width of sliding sash 1 with handle
WS2 = Glass width of sliding sash 2 with handle
WSZ = Additional width of sliding sash for handle
HS1 = Glass height of sliding sash 1
HS2 = Glass height of sliding sash 2
MS1 = Weight of sliding sash 1 (incl. weight of handle)
MS2 = Weight of sliding sash 2 (incl. weight of handle)

WF1 = Glass width of fixed sash 1
WF2 = Glass width of fixed sash 2
WFA = Allowance for fixed sash for wall attachment
WFZ1 = Additional width of fixed sash 1
WFZ2 = Additional width of fixed sash 2
HF1 = Glass height of fixed sash 1
HF2 = Glass height of fixed sash 2
HF3 = Glass height of fixed sash 3

UF = Overlap between sliding sash and fixed sash

SMs = Size of gap on the closing side
SMo1 = Size of gap on the opening side for sliding sash 1
SMo2 = Size of gap on the opening side for sliding sash 2

Recommended system dimensions
WSZ = 69 mm
SMs = 31 mm
Use of wall profile?

Yes	No
WFA = 14 mm	WFA = 3 mm

Use of vertical sealing strips between fixed and sliding sashes?

Yes	No
UF = 5 mm	UF = 35 mm

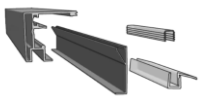
Formulas
WS1 = (W1 - SMs - WFA - WFZ1 + UF + WSZ - 8) / 2
WF1 = WS1 - WSZ + WFZ1
WS2 = (W2 - SMs - WFZ2 + UF + WSZ - 8) / 2
WF2 = WS2 - WSZ + WFZ2
WF3 = W1 - WFA - 11
HS1 = HS2 = H - 30
HF1 = HF2 = HF3 = H- 42
SMo1 = WFZ1 + WFA
SMo2 = WFZ2 - 8
LS1 = LS3 = W1 - 49
LS 2 = W2 - 98

Terms
WS1 ≥ 380 mm and WS2 ≥ 380 mm
MS1 ≤ 40 kg and MS2 ≤ 40 kg
HS1/WS1 ≤ 5 and HS2/WS2 ≤ 5
Use of wall profile?

Yes	No
SMo1 ≥ 40 mm	SMo1 ≥ 20 mm
SMo2 ≥ 30 mm	SMo2 ≥ 30 mm

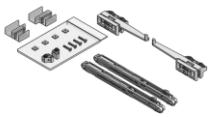
Basic components

Profile set



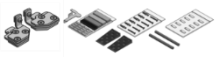
3 x

Accessory kit door sash



2 x

Accessory kit installation



1 x

Accessory kit corner bracket

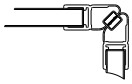
2 x

Recommended accessories

Aquant finger pull handle

2 x

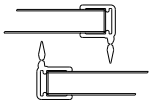
Magnetic seals 90°



1 x

Other optional accessories

Vertical sealing strips between fixed and sliding sash



2 x

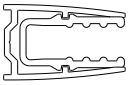
Threshold profile, aluminium, bevelled on one side

1 x

Threshold profile, transparent plastic, bevelled on one side

1 x

Wall profile



2 x

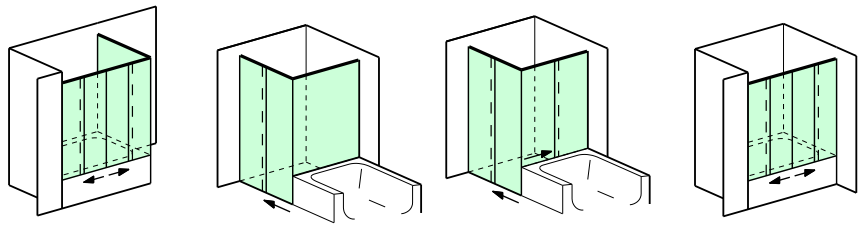
Floor profile

2 - 3 x

Note

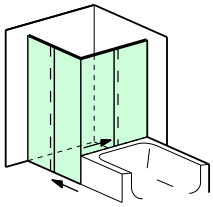
Please contact us for divergent installation situations! Extension solutions to or on bathtubs are also possible.

Examples:



Note on bathtub extensions

Corner showers designed as an extension to bathtubs can have a corner entry, with two sliding sashes down to the floor and a fixed sash mounted on the bathtub rim (see figure on right). In this case, the mounting for the fixed sash on the floor guide that is supplied must be sawn off. As always, the floor guide must be attached to the floor, but is no longer linked to the fixed sash. Please carefully measure the saw line, taking into account the radii to the bathtub rim/the position of the fixed sash or the position of the bathtub substructure. A 15 mm gap must be left between the sliding sash and the fixed sash.



Technical information

Maximum weight of sliding sash	Up to 40 kg per sliding sash
Height-width ratio of sliding sash	The maximum height-width ratio of the sliding sash is 5 : 1.
Minimum width of door sash	380 mm
Maximum height	Shower heights up to 2500 mm
Maximum width and depth	Corner showers and U-showers up to 1500 mm x 1500 mm, corner showers also as installations with two sliding sashes on one side and a dimension of up to 2000 mm x 1200 mm; recess showers with one sliding sash up to a width of 1700 mm and with two sliding sashes up to a width of 2000 mm.
Suitable glass	Tempered glass, 8 mm, also satinated glass and and coated glass for an easy-to-clean effect
Roller assembly	Clamp roller assemblies (requiring glass drill holes) with water-resistant, low-friction rollers on tempered stainless steel axles and made of modern, carbon-fibre reinforced plastic
Colour of the main visual surfaces	Gloss-polished aluminium profiles, differing colour and gloss grade of the corner bracket for corner showers and U-showers, transparent floor guide and drip rail

Note on water tightness

Frameless glass showers with sliding doors are products of high technical and aesthetic quality. Due to their design, however, water leaks cannot be completely avoided. The extent of water leakage depends on how long and how intensely the glass surfaces are exposed to water jets. Frameless glass showers with sliding doors act as a splash guard, which substantially reduces leaks.

Water leakage can be further reduced by installing an optional threshold profile on the lower part of the doors.

Vertical sealing strips mounted between the sliding sash and the fixed sash can – depending on the application –reduce water leaks, too (but not eliminate them entirely).

Note on the optional use of vertical sealing strips between the fixed sash and the sliding sash

When using vertical sealing strips between fixed and sliding sashes, for ease of cleaning we recommend an overlap of 5 mm between the sashes (rather than the recommended 35 mm when not using sealing strips). This type of installation, however, requires a great degree of accuracy (the vertical edges of the sashes have to be absolutely parallel). In this case vertical sealing strips can be attached to both the sliding sash and the fixed sash.

If a shower enclosure has already been installed with a sash overlap of 35 mm and you would like to retrofit vertical sealing strips, we recommend that you attach a vertical sealing strip to the fixed sash only (and none to the sliding sash). This allows the overlap area between the sliding sash and the fixed sash to be cleaned with a wiper from inside the shower.

Note on original manufacturer components

Only the use of original manufacturer components guarantees the perfect functioning and long service life of the entire product.

Please note that the PERFECT CLOSE function requires low-friction operation of the sliding doors: the drip rail that is supplied must be installed, and may only be used together with the floor guide that is also supplied. The vertical sealing strips which we offer for installation between the sliding sash and the fixed sash are designed in such a way that they do not produce any additional friction when the sliding sashes are moved.

We also recommend the use of our magnetic and bulb seals, as these are perfectly tailored to our system dimensions. This avoids costly installation and functional problems on site. These sealing strips provide good quality and long-lasting elasticity, without yellowing. Magnetic seals are supplied in pairs and are packaged in a protective tube to avoid the adhesion of dust or metal shavings.

For your notes

Willach

Contact us and we will be happy to advise you!

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Fax: +49 (0)2295 92 08 429
vitris@willach.com
www.willach.com
WillachGroup

The company

With its VITRIS product division, Willach is among the leading producers of glass fittings in Europe. Since its foundation in 1889, the company has been dedicated to the manufacture of products to the highest quality and precision standards. Willach quickly cemented its pioneering reputation with numerous technical innovations and intelligent solutions that paid close attention to intricate detail. With the Portavant product line, Willach today offers a range of elegant, technically sophisticated fittings for interior glass sliding doors. The Aquant product line offers high-quality fittings for shower glass sliding doors. Furthermore the product range comprises a comprehensive modular system of showcase fittings, sliding door locks and slot bar systems for discerning interior, shop and trade show furnishings. Vitris products are certified in accordance with ISO standards and are manufactured at our Ruppichteroth production site in Germany to stringent manufacturing standards. This forms the basis for the excellent quality and consistently high level of availability of the entire Vitris range.

Benefit from these advantages:

COMFORT STOP The cushioning system for your comfort: slows the door sashes gently and quietly over a distance of several centimetres and prevents the doors from banging, thus avoiding the associated noise and vibrations.

COMFORT MOVE The Vitris solution for optimum sliding comfort: stands for an ergonomic and high-quality sliding feel.

EASY CLEAN The intelligent solution for easy cleaning: helps you to keep your shower looking as bright as new.

EXACT TRIGGER The mechanism for reliability: ensures, thanks to an intelligent design principle, that the cushioning system always functions reliably.

SYSTEM FIT The modular solution for your installation situation: offers solutions for almost any environment, with modular system components which can be combined in a variety of ways.

PERFECT CLOSE The retraction system for perfectly closed doors: safely pulls the door to its end position, prevents it from bouncing back and thus offers enhanced comfort via fully closed shower doors.

COMPACT DESIGN The compact use of space for a slimline look: makes your shower a real eye-catcher.

WATER RESISTANT The careful choice of materials for high water resistance: keeps the roller and cushioning system of your shower fully functional in the long run – despite splash water.

EASY INSTALL The clever solution for maximum installation comfort: makes installing shower enclosures a breeze.

Stamp

Edition 03/2016