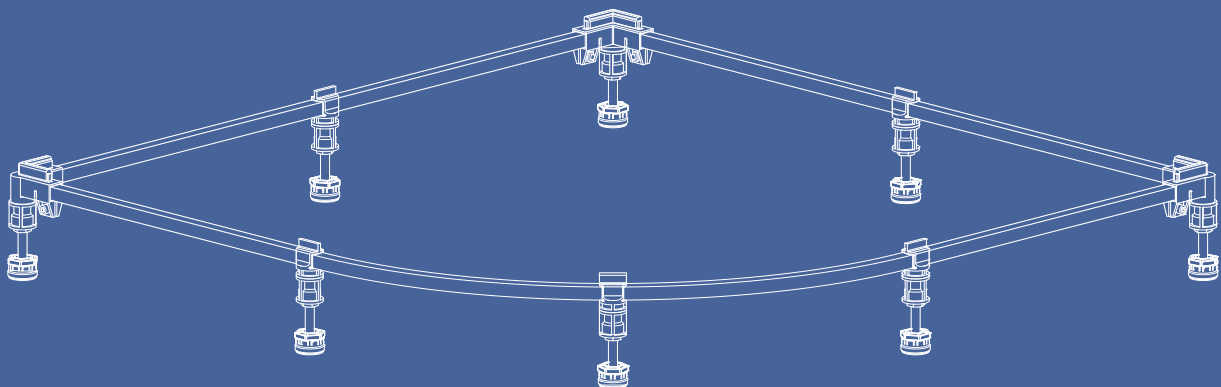
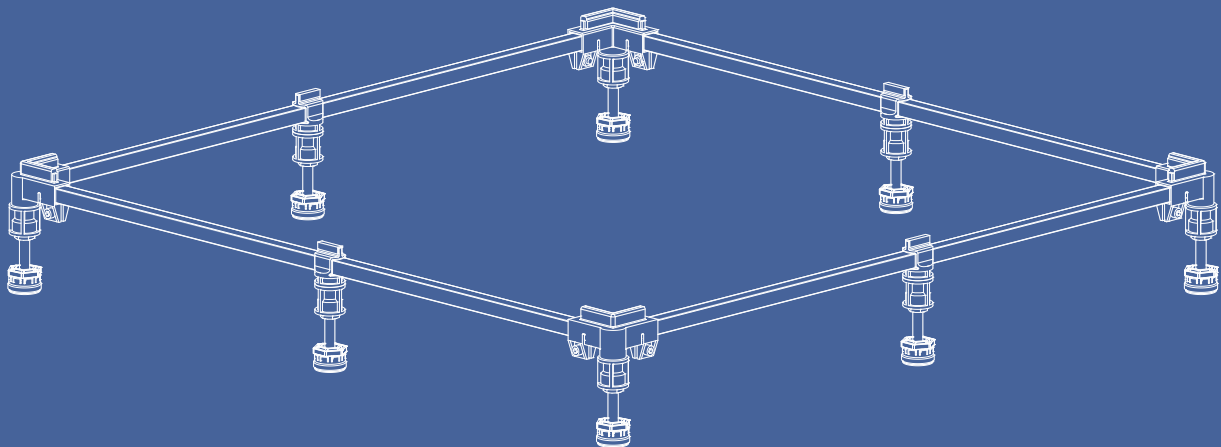


## EINBAUANLEITUNG DUSCHWANNEN-FUSS-RAHMEN FR 5300

Installation instructions  
Instructions d'installation  
Istruzioni di montaggio  
Instrucciones de montaje



**THE SHOWER TRAY FOOT FRAME**

Take a little time and read the mounting instructions of the shower tray foot frame (FR 5300) carefully.

In these mounting instructions, the pictograms described below are used. They refer to instructions and notes which require your special attention.



The function of the FR 5300 may be disturbed.



This may damage your health or that of any other person using the shower tray.

**EXPLANATION**

- Kaldewei prepared these mounting instructions to the best of its knowledge.
- Kaldewei reserves the right to change the contents of the mounting instructions without being obliged to inform any third parties.
- Kaldewei reserves the right to modify and improve the technical system without being obliged to inform any third parties. Please read the attached additional information, if necessary.
- No part of these mounting instructions may be reproduced or transferred otherwise without the express approval of Kaldewei.

**CONTENTS**

SCOPE OF SUPPLY .....	2	MOUNTING THE SHOWER TRAY FOOT FRAME ..	5
NOT INCLUDED IN THE SCOPE OF SUPPLY .....	2	ALIGNING THE SHOWER TRAY FOOT FRAME .....	6
TRANSPORT .....	2	PREPARING THE SHOWER TRAY .....	7
BINDING MOUNTING INSTRUCTIONS .....	3	MOUNTING OF THE RUBBER SUPPORTING PADS .....	8
CUTTING THE CONNECTING RODS TO SIZE .....	3	CHECKING THE ASSEMBLY DIMENSIONS .....	8
PREPARATION OF THE SHOWER TRAY FOOT FRAME .....	4	MOUNTING THE SHOWER TRAY .....	9
SPECIAL CASE .....	4	SEALING OF THE JOINT EDGES .....	9

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




**Installation Instructions**  
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### SCOPE OF SUPPLY

The shower tray foot frame (FR 5300) is partly preassembled. The contents of the packing are subjected to extensive quality and performance checks.



Check the contents of the packing for completeness and possible transport damage.

	Size 90/90	Size 120/120	Size 150/170	Size 100/100 ARRONDO/ZIRKON
Foot unit short/ Foot unit long/ Foot extensions 	8 each	8 each	12 each	8 each
Connecting rods 	4	4	4	
Rubber supporting pads 	4	4	4	3
Rubber holding profile 	-	-	9	1
Rubber holding profile 	5	5	5	4
Corner joint 	4	4	4	3
Supports 	5	5	10	5
Hexagon socket screws M6 x 16	8	8	8	6
Nut M6	8	8	8	6
Mounting instructions	1	1	1	1

### NOT INCLUDED IN THE SCOPE OF SUPPLY

- Two-component PUR foam to support the centre of the shower tray (required for shower trays larger than 90 cm)
- Siphon trap
- Noise-damping set DWS

### TRANSPORT

The following instructions have to be observed when transporting the shower tray foot frame (FR 5300).



Transport the FR 5300 in its transport box only and avoid improper loads.



Kaldewei shall not assume any liability for damage incurred due to improper intermediate storage and for damage in transport resulting from the non-compliance with the above instructions.

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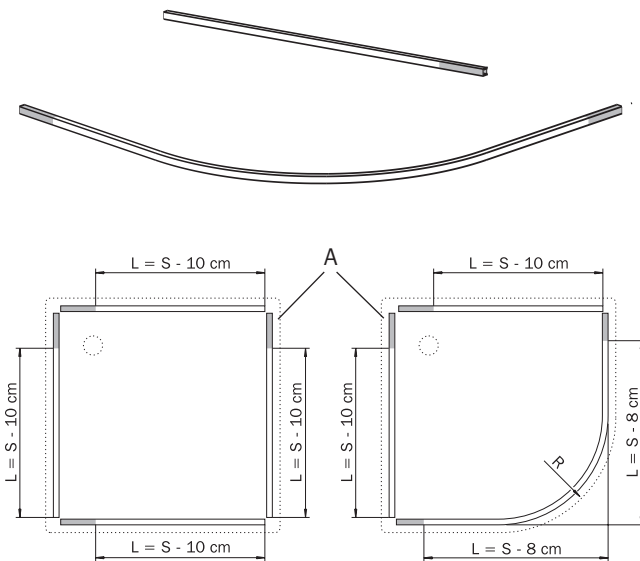
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### BINDING MOUNTING INSTRUCTIONS

-  The installation of the shower tray foot frame (FR 5300) must be carried out by an authorized sanitary shop.
-  Before and after installation of the FR 5300, the wall conditions have to meet DIN 18157 (execution of ceramic casings in a thin mortar bed).
-  When mounting the frame, protect the surface of the shower tray, the wall and floor tiles from damage.
-  All work has to be carried out using special technical tools.
-  Wear suitable protective clothing during installation, especially when using tools.

-  For application of mounting materials, such as two-component PUR foam, silicone, etc., the manufacturer's instructions shall be observed.
-  Two-component PUR foam is, among other things, highly inflammable. During application and curing, adequate ventilation is to be ensured. No open flame should be used in the entire area.
-  The FR 5300 is sound isolated according to DIN 4109/A1. In order to meet DIN 4109/A1 (sound insulation in building construction, requirements and verifications A1), all statements and notes included in the mounting instructions and the compliance with any other sound protection measures by the customer have to be taken into consideration.

### CUTTING THE CONNECTING RODS TO SIZE

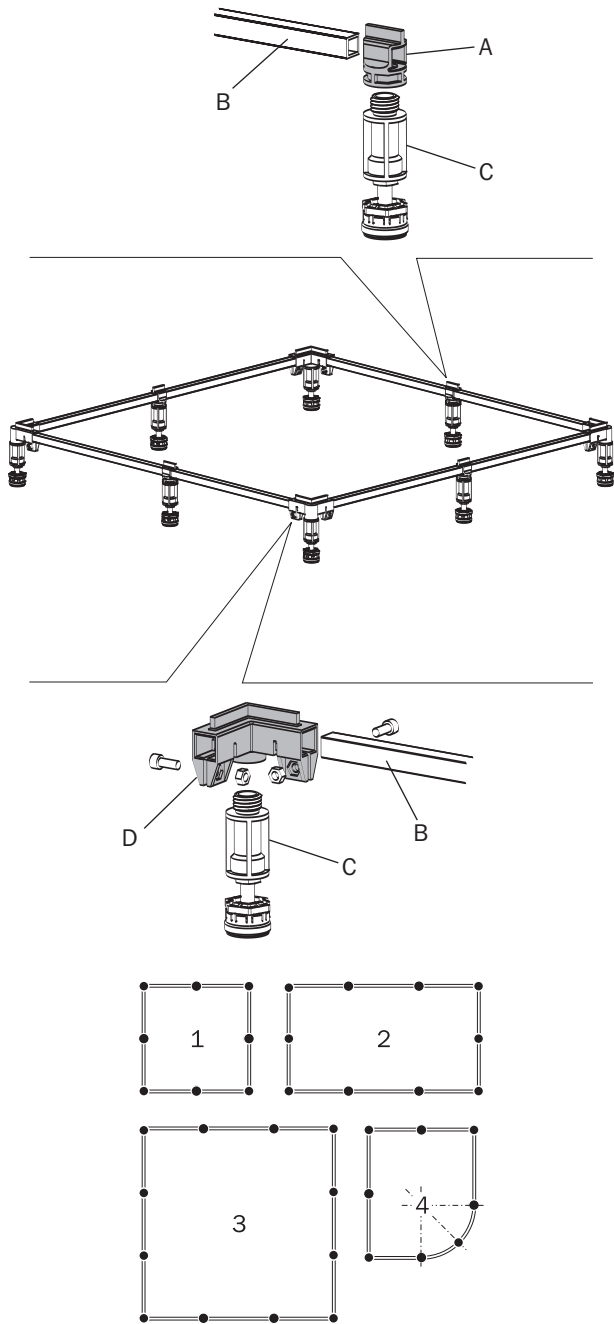


-  With shower bases 90/90, 120/120, and 100/100 ZIRKON/ARRONDO, cutting to size is not necessary.
-  With shower bases supplied by external manufacturers, the length of the connecting rods shall be measured at the shower base. Installation and function of the FR 5300 are not guaranteed with shower bases supplied by external manufacturers.

S = Side length of this Kaldewei shower base (A)  
 L = Length of the connecting rod cut to size  
 R = Radius 50 cm with shower base ZIRKON/  
 radius 55 cm with shower base ARRONDO

- Cut the connecting rods to size with a metal cutting saw (length = side length of the respective Kaldewei shower tray less 10 cm, see notes).
- Deburr cut edges.

### PREPARATION OF THE SHOWER TRAY FOOT FRAME



- Slip supports (A) onto connecting rod (B) and fasten foot unit (C) hand-tight (see notes I/II/III).
- Push connecting rod (B) into corner joint (D) and fasten by means of hexagon socket screw M6 x 16 and nut M6.
- Fasten foot unit (C) hand-tight.



Note I: Mount the central foot units in the centre, as far as possible.

#### FOOT UNITS

- 1 = Size up to 120 cm x 120 cm (8 foot units)
- 2 = Size from 140 cm x 70 cm to 180 cm x 100 cm (10 foot units)
- 3 = Size 150 cm x 150 cm (12 foot units)
- 4 = Size 100 cm x 100 cm ARRONDO/ZIRKON (8 foot units)



At the FR 5300 ARRONDO/ZIRKON, one foot unit has to be installed in the middle of the arch and another two at the arch transitions (see Fig. "4").



Note II: Do not use tools for tightening the foot units, they might damage the threads.



Note III: If the local conditions require the use of foot units with extensions, please read the next paragraph of the mounting instructions.

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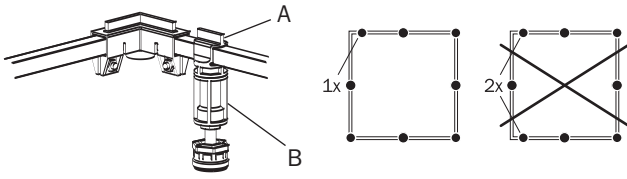
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**SPECIAL CASE**



- Mount additional support (A, included in the scope of supply) (see note I).
- Fasten foot unit (B) hand-tight in support (A).

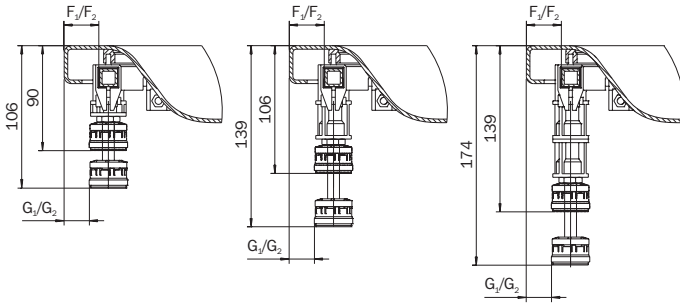
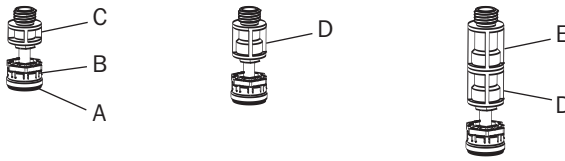


If the local drain is located in the corner of the room, one of the foot units can be shifted. To guarantee an adequate carrying capacity of the FR 5300, only one foot unit may be shifted, as illustrated.



Note I: The support (A) shall be positioned as close as possible to the corner of the FR 5300.

**MOUNTING THE SHOWER TRAY FOOT FRAME**



- Preset the height of the shower tray foot frame (FR 5300) at the foot units according to illustration.
- Fasten foot caps (B) and sound isolating elements (A) to the respective foot units.
- Check the sound isolating elements (A) (see note I).
- Attach the foot extensions (E), if necessary.
- Mount the FR 5300 in the intended place (see note II).
- Shift the foot units to meet the local conditions, if necessary.



Note I: The black sound isolating elements (A) have to be inserted in the blue foot caps (B) with their hard, bright side facing outward.



Note II: The mounting height of the shower tray and, consequently, the height of the FR 5300 shall be agreed with the site supervisor with binding force in accordance with the meter line.

- C = Foot unit with foot cap and sound isolating element (13 mm)
- D = Foot unit without foot cap and sound isolating element (29 mm)
- E = Foot extension (35 mm)
- F<sub>1</sub> = 30 mm with shower bases up to 170 cm side length
- F<sub>2</sub> = 80 mm with shower bases with 180 cm side length
- G<sub>1</sub> = 20 mm with shower bases up to 170 cm side length
- G<sub>2</sub> = 70 mm with shower bases with 180 cm side length

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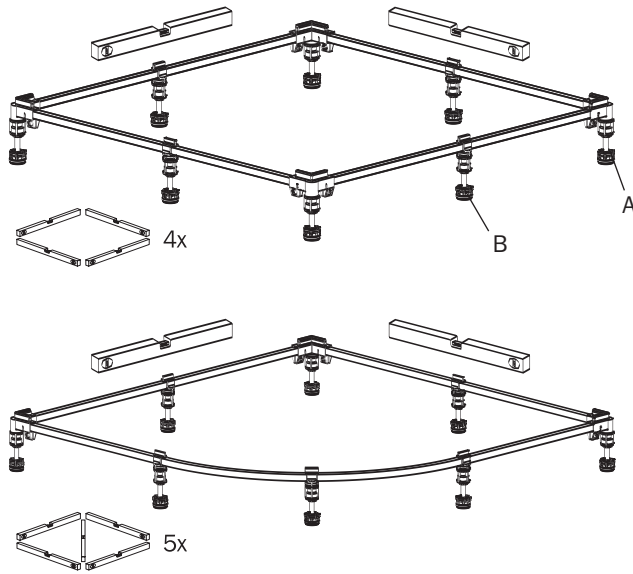
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### ALIGNING THE SHOWER TRAY FOOT FRAME



- Adjust the required height by means of the four foot units (A) at the corners of the FR 5300 (see note I).
- Adjust the central foot units (B) such that they stand firmly on the ground and serve as a support of the FR 5300 (see note II).
- After the alignment of the FR 5300, secure the foot units against displacing by means of the hexagon nuts.



Note I: Set up the FR 5300 in exactly horizontal position by means of a spirit level to ensure a reliable water drainage.



Note II: Care should be taken that the central foot units do not lift up the foot units arranged at the corners and that the foot units all stand firmly on the ground with the sound isolating elements.



If the walls adjoining the FR 5300 are not angular, the supervisor has to be informed and remedial action to be taken (see DIN 18 202 Tolerances in building construction - Table 2 Angle tolerances „The walls must not exceed the tolerance by more than 6 mm over a length of 1 m“).

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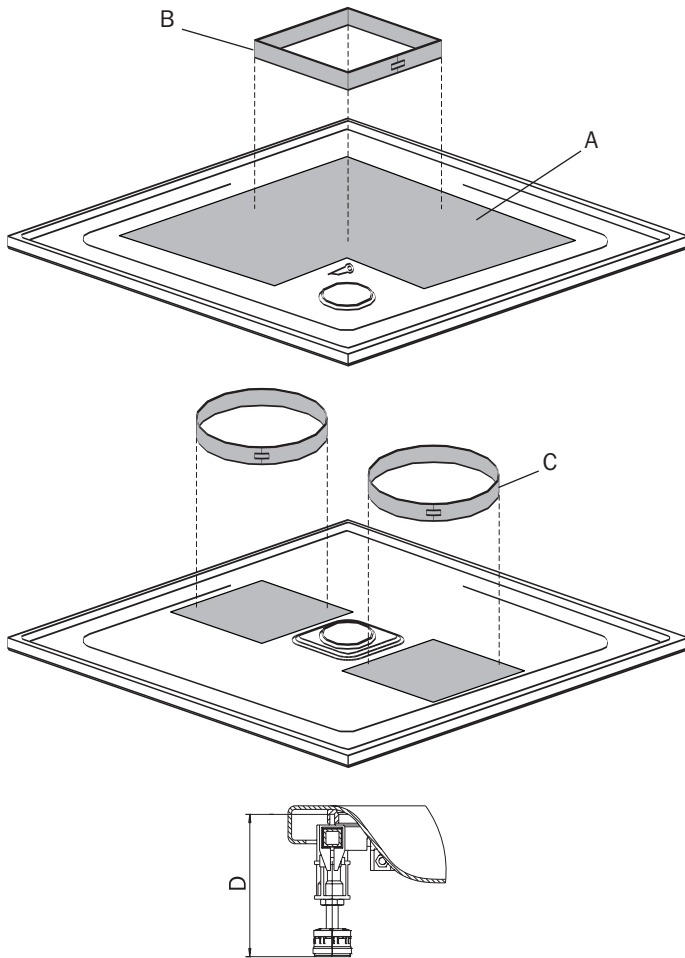
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### PREPARING THE SHOWER TRAY



- Carefully unpack the shower tray, checking it for surface defects.
- Place upper side of the shower tray on the clean transport box.



With shower trays larger than 90 cm, it is imperative to support the centre (at least 400 cm<sup>2</sup>) of the shower tray by means of two-component PUR foam.



Tip: Use the end strips of the cardboard box to fabricate an enclosure (B or C) to support the middle. The height corresponds to the height of the frame (D) less the depth of the shower base (see transport box).

For FR 5300 than 90 cm  
 B= square, 20 cm x 20 cm  
 C= round, Ø 22 cm

For FR 5300 than 120 cm  
 B= square, 20 cm x 20 cm (2x)  
 C= round, Ø 22 cm (2x)

With shower bases with central drain  
 B= square, 15 cm x 15 cm (2x)  
 C= round, Ø 18 cm (2x)



To allow the shower tray to be exchanged later on without any problems, fix a large plastic foil (A, not included in the scope of supply) to the bottom side with adhesive tape. The plastic foil prevents the PUR foam used for supporting the centre from sticking to the shower tray.



Before fixing the shower tray in the FR 5300, the position of the felt-covered fabrication strap shall be checked. The fabrication strap and/or the felt must not impede the fixing of the shower tray in the FR 5300.

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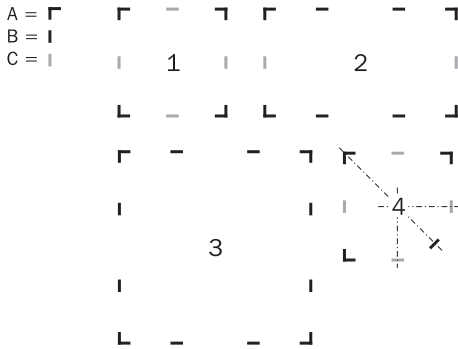
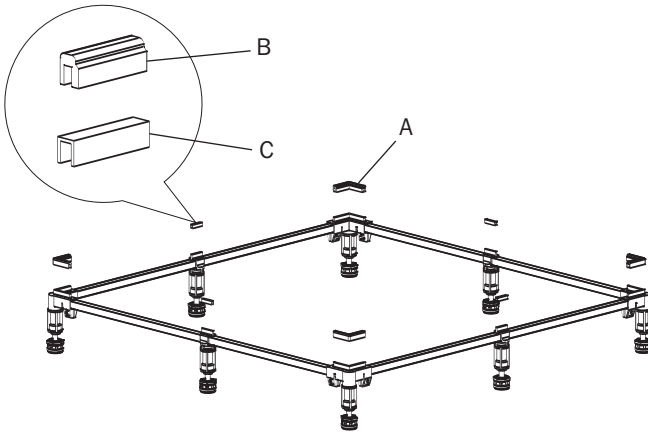
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### MOUNTING OF THE RUBBER SUPPORTING PADS



#### RUBBER SUPPORTING PADS/RUBBER HOLDING PROFILE

- 1 = Size up to 120 cm x 120 cm (4x A, 4x C)
- 2 = Size from 140 cm x 70 cm to 180 cm x 100 cm (4x A, 4x B, 2x C)
- 3 = Size 150 cm x 150 cm (4x A, 8x B)
- 4 = Size 100 cm x 100 cm ARRONDO/ ZIRKON (3x A, 1x B, 3x C)



The rubber supporting pads (B) and the rubber holding profiles (C) must not be interchanged.

- Check the FR 5300 for damage and soiling; repair and/or clean it, if necessary.
- Place rubber supporting pads (A) in position.
- Place rubber supporting pads (B) and/or rubber holding profile (C) in position.

### CHECKING THE ASSEMBLY DIMENSIONS

- Place the shower tray carefully in position and check whether the installation is impeded by oblique tiles or walls (see note).
- Check the heights of shower tray and shower tray foot frame (FR 5300).
- Check the position of the siphon and the fastening possibilities.
- Carefully remove the shower tray.



Place the shower tray in position with the help of a second person, using a suitable installation aid (e.g. „vacuum suction handles“ used in window construction), if necessary.

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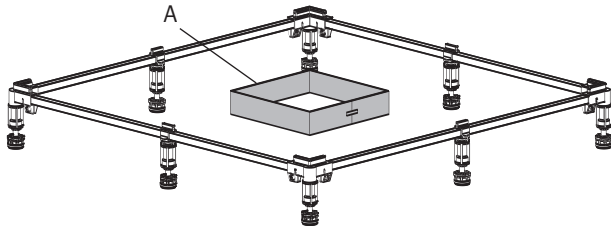
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## MOUNTING THE SHOWER TRAY



- Put up the enclosures fabricated from the end strips of the cardboard box (A, see page 7) in the FR 5300 (if the shower bases are larger than 90 cm).
- Pile up two-component PUR foam in the enclosure (A) at an excessive height (see note I).
- Connect the equipotential bonding (see note II).
- Place the shower tray carefully in position (see notes III/IV).
- Place the shower tray in position and align it parallel to the tiles with a gap of approx. 2 mm.
- Fasten siphon (see Note V).



Note I: Use only two-component PUR foam (observe manufacturer's instructions). Let the shower tray rest until the PUR foam has cured. Curing of the PUR foam takes longer in the absence of air. Two-component PUR foam is among other things highly flammable. During application and curing, sufficient ventilation is to be ensured. No open flame should be used in the entire area.



Note III: Do not lay the earthing cable through the PUR foam or across the FR 5300.



Note III: Make sure that the rubber supporting pads do not slip when placing the shower tray in position.

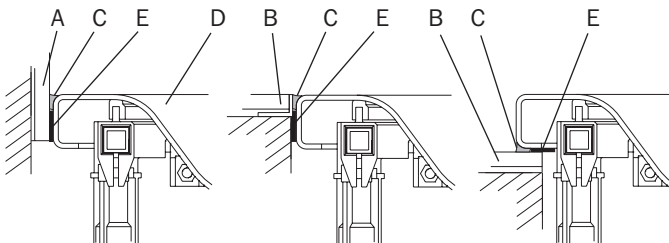


Note IV: The shower tray has to rest planely on the FR 5300 and must not tilt.



Note V: The mounting guidelines and the instructions of the siphon manufacturer must be observed.

## SEALING OF THE JOINT EDGES



- After all work has been completed and the PUR foam completely hardened, the joint edges can be sealed with the corresponding flexible sealant.
- Put a weight of approx. 50 kg (e.g. bags of cement) on the shower tray during the sealing work (see note I).
- Seal the joint edges with sealing material (e.g. silicone, acrylic) and let them rest until the sealing material has hardened completely (see manufacturer's instructions).

- A = Wall tile with tile adhesive
- B = Floor tile with tile adhesive and end rail
- C = Sealing material
- D = Shower tray
- E = Noise-damping strip



To guarantee an adequate sound insulation, any contact between the FR 5300 components, the shower base and the structural elements must be avoided. Suitable damping strips (E) should be used, if necessary.



Note I: Protect the surface of the shower tray from damage (e.g. by lining it with clean cardboard).

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