

EXP

DURABASE WS

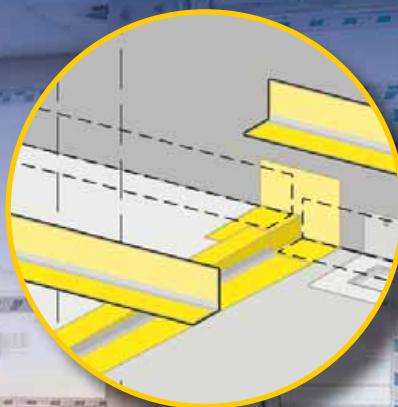
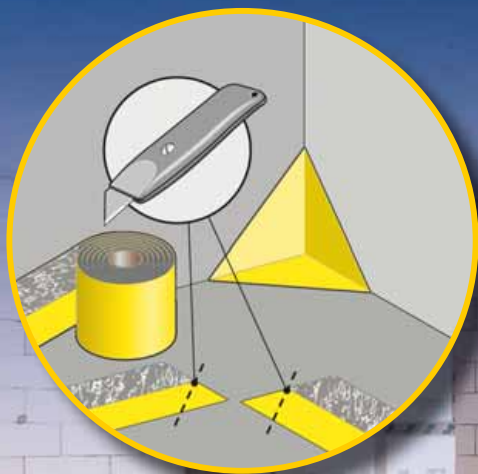
SELF-ADHESIVE MAT SYSTEM FOR SECURE SEALING
OF WALLS AND FLOORS INDOORS

DURAL



INSTALLATION INSTRUCTIONS

- Shower tray sealing
- Bathtub/shower tray sealing
- Wall and floor area sealing
- Drip protection liner installation/
- Tube passage sealing
- Wall/wall sealing
- Wall/floor sealing
- Level-access shower sealing

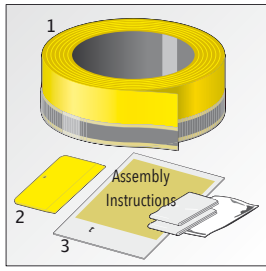


DESIGNED FOR SPEED

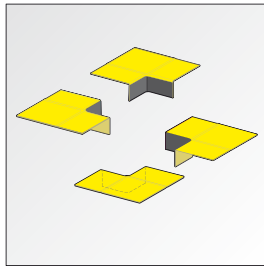
WARPSEAL
The high speed sealing system

Installation instructions DURABASE WS BATHTUB/SHOWER TRAY SEALING

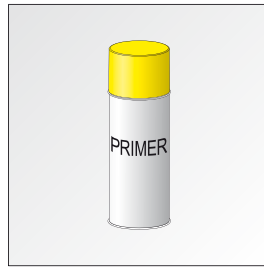
Required DURABASE WS Products



P 1. Bathtub/shower tray sealing set
1 Bathtub/shower tray sealing tape 30 m; 2 Squeegee; 3 Assembly instructions and cleaning cloth



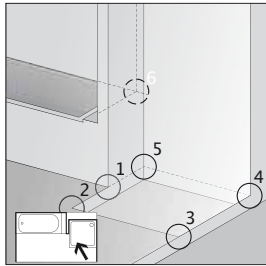
P 2. Flexible sealing corners for floor-level bathtub/shower tray installation, for transitions to wall/floor or floor/floor shower trays, including bathtub/shower tray in a recess.



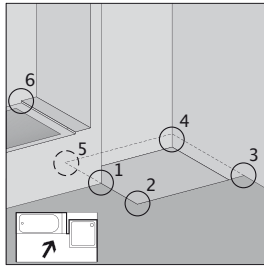
P 3. Spray primer



A. Shower tray installation conditions

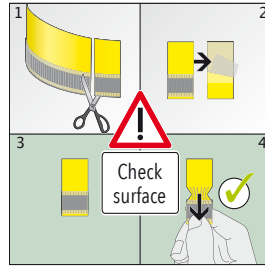


A 1. Installation conditions: Recess, view from right.

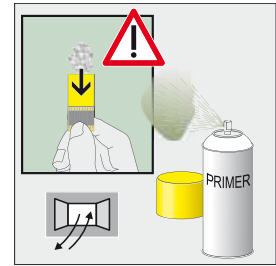


A 2. Installation conditions: Recess, view from left.

A. Wall/floor preparation

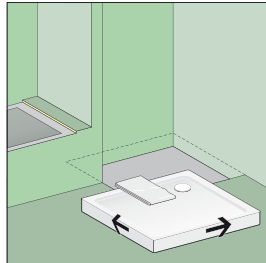


A 3. Check the surface using test strips (1). Remove the protective foil (2). Press the test strip onto the surface of the wall (3) and pull it down from the wall (4) so that the foam detaches and adheres to the wall surface. If you can detach the foam from the wall, the surface of the wall requires further treatment.

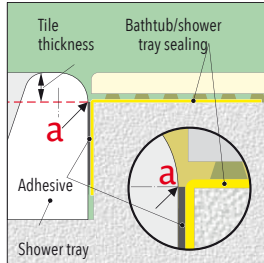


A 4. If the adhesion test is negative, you can use the spray primer. Lightly apply the spray primer from a distance of 5-10 cm with an open window or door. (Observe the manufacturer's treatment instructions!) **New! Craftsman-friendly priming (10 min. drying time).**

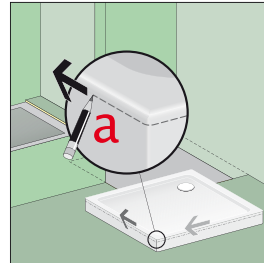
A. Preparing the shower tray



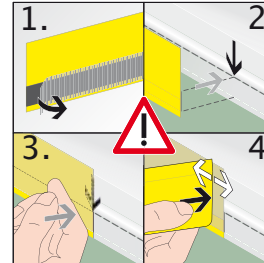
A 5. Clean the edge of the bathtub/shower tray with the cleaning cloth.



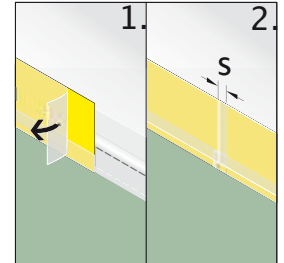
A 6. Apply the bathtub/shower tray sealing tape with the upper edge of the grey bathtub/shower tray adhesive on the marking line (top edge of finished floor minus tile thickness) (a).



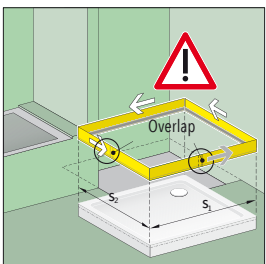
A 7. Draw a marking line from the top edge of the bathtub/shower tray minus the tile thickness (see Fig. 6).



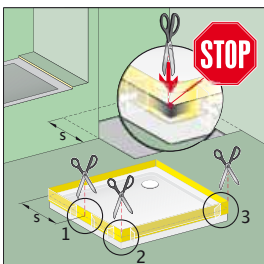
A 8. Gradually peel off the front-side protective film from the grey bathtub/shower tray adhesive (1). Apply the bathtub/shower tray sealing tape **to the bathtub/shower tray edge** exactly along the marked line (2). Using the squeegee, **lightly press** and correct if necessary (3). **Using the squeegee, press firmly against the vertical edge of the bathtub/shower tray (4)!**



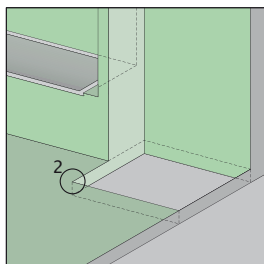
A 9. Pull off a piece of the protective film on the beginning of the bathtub/shower tray sealing tape (1), then while overlapping the end of the bathtub/shower tray sealing tape to the beginning (s) apply and **press firmly!** Reapply the protective film.



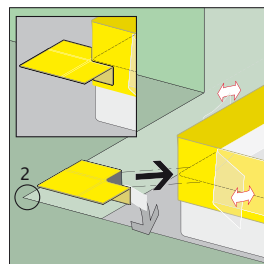
A 10. Floor-level installation / overlap only on the long side! Measure shower tray (s1+s2) x2, **place bathtub/shower tray sealing tape** and glue on all around. If an extension is required, the bathtub/shower tray sealing tape can be applied by overlapping it on the long sides.



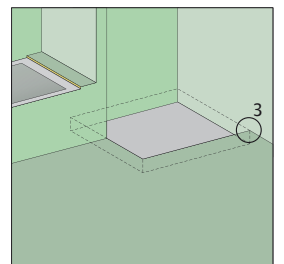
A 11. Cut into the bathtub/shower tray sealing tape at 1 and the corners 2 and 3 until **you reach the top edge of the grey bathtub/shower tray adhesive, do not cut through it!** Pull off the cover strip of the bathtub/shower tray sealing tape so that the sealing corners can be attached. After setting the sealing corners, press the protective film back on!



A 12. Flexible sealing corner for corner 2.



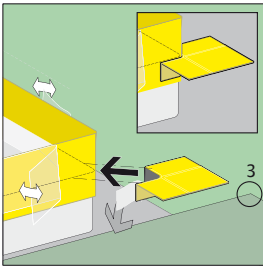
A 13. Flexible sealing corner for corner 2 (floor/floor connection). Remove the protective film from the bathtub/shower tray adhesive (black) on the sealing corner, position it on the back of the bathtub/shower tray sealing tape and press it on. Press the protective film of the bathtub/shower tray sealing tape back on!



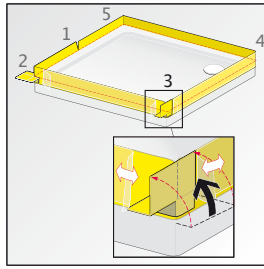
A 14. Flexible sealing corner for corner 3.

Installation instructions DURABASE WS **BATHTUB/SHOWER TRAY SEALING**

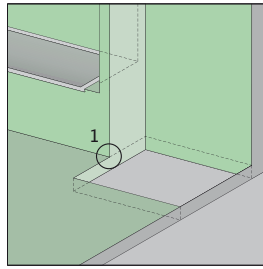
A. Continuation: Preparing the shower tray



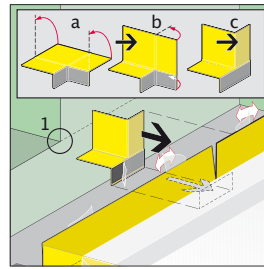
A 15. Flexible sealing corner for corner **3** (wall/floor connection). Remove the protective film from the bathtub/shower tray adhesive (black) on the sealing corner, position it on the back of the bathtub/shower tray sealing tape and press it on. Press the protective film of the bathtub/shower tray sealing tape back on!



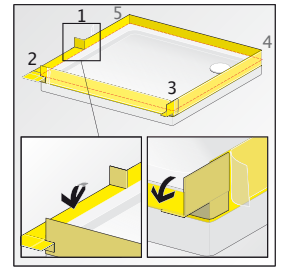
A 16. Align corners **2** and **3** and apply to the bathtub/shower tray sealing tape. Press the protective film of the bathtub/shower tray sealing tape back on!



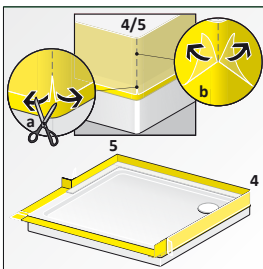
A 17. Flexible sealing corner for corner **1**:



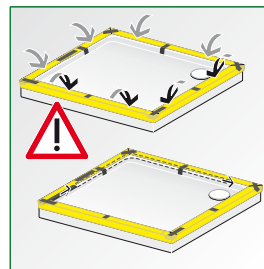
A 18. Flexible sealing corner on corner **1** (wall/wall/floor transition) by folding **a** and **b** adjust to **c** and apply to the bathtub/shower tray sealing tape in the position shown. Press the protective film of the bathtub/shower tray sealing tape back on!



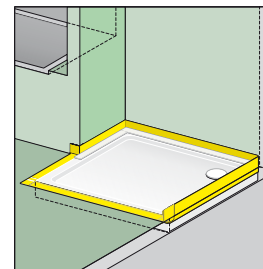
A 19. Fold the sealing corner attached to corner **1** and press it onto the sealing tape.



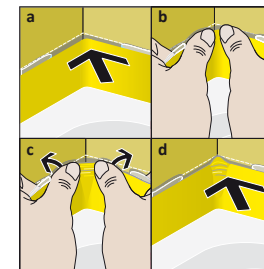
A 20. Corners **4** and **5** must be cut from below at the edge of the grip tab of the cover film approx. 10 mm upwards (**a**). Then rip the film up (**b**).



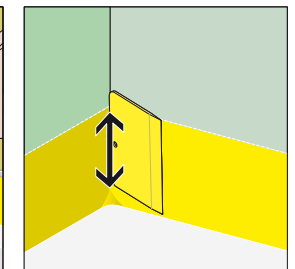
A 21. Move the surrounding bathtub/shower tray sealing tape together with the corners by 90° and fasten with adhesive tape. Then close it all around on the edge of the bathtub/shower tray. That way, the bathtub/shower tray sealing tape is protected from contamination.



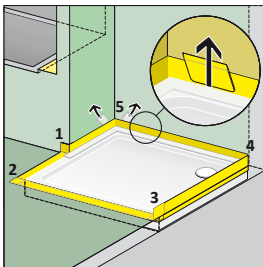
A 22. Remove the "dust protection" and you can now apply the bathtub/shower tray sealing tape to the wall and floor according to **Figure 22-25**.



A 23. Once you position the shower tray, you need to stretch corners **4** and **5**. Remove the protective film.

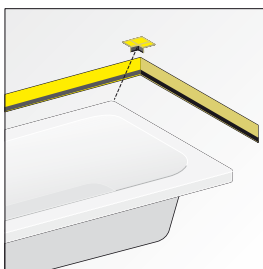


A 24. Using the squeegee, press the bathtub/shower tray sealing tape exactly into the 90° corner.

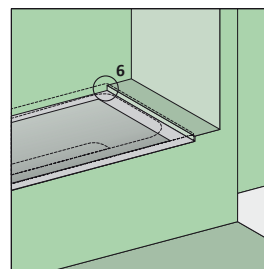


A 25. After removing all the protective films on corner **4** and **5**, press the bathtub/shower tray sealing tape and the remaining corners **1** to **3** into the floor and wall using the squeegee (**Figure 23**). Stroke from bottom to top.

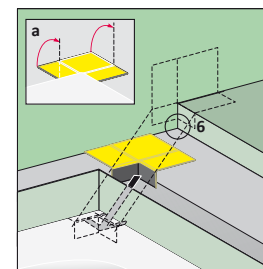
A. Finishing the bathtub



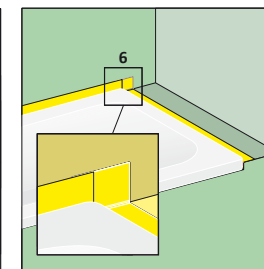
A 26. Mark the height for the bathtub sealing and apply it like for the shower tray. Cut into the corner up to the top edge of the bathtub.



A 27. Flexible sealing corner for corner **6**.



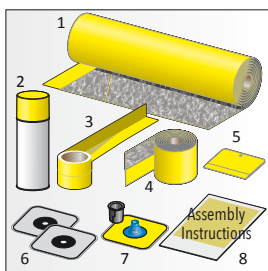
A 28. Position the flexible sealing corner on the bathtub sealing tape on the back, fold up the sealing corner (**a**) and apply it to the bathtub sealing tape.



A 29. Remove all protective films, firmly press on the corner and bathtub sealing tape.

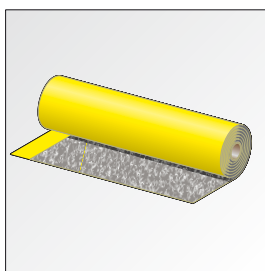
Installation instructions DURABASE WS **WALL AND FLOOR SEALING**

Required DURABASE WS Products

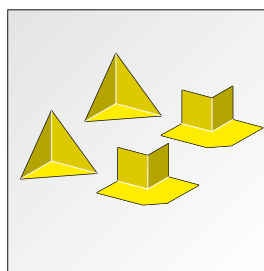


(P 5.) Self-adhesive wall sealing set for dry sealing of walls and floors.

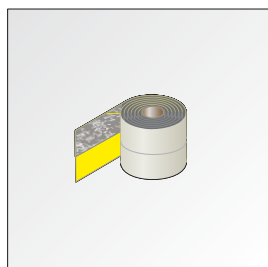
1 Sealing membrane 1 m x 30 m; 2 Spray primer;
3 Corner tape 120 mm x 50 m; 4 Base sealing tape 50 m;
5 Installation aid: Squeegee; 6 2x wall sleeves 1/2";
7 Drip protection liner 8 Installation instructions.



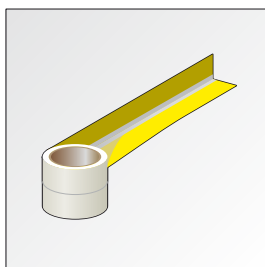
P 6. Sealing membrane



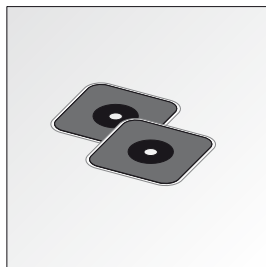
P 7. Internal and external corners



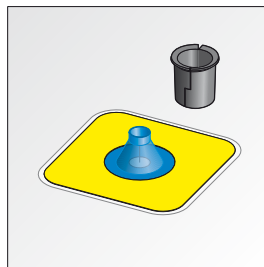
P 8. Base sealing tape



P 9. Corner tape with trowel protection

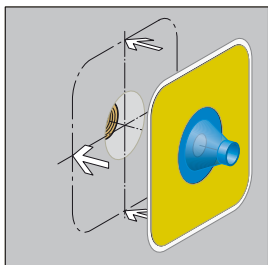


P 10. Liners

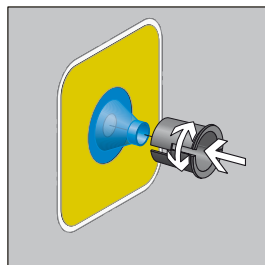


P 11. Drip protection liner 1/2"

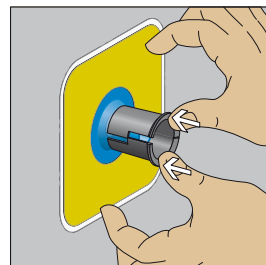
G Installation instructions for drip protection liner



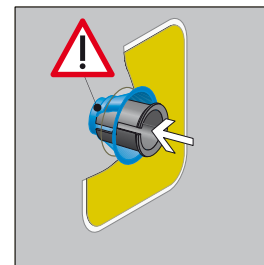
G 1. Position the sealing liner in the middle of the connection.



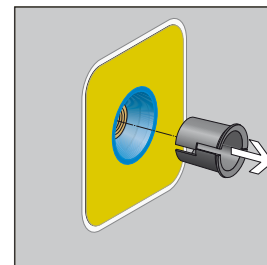
G 2. Spread open the insert sleeve a bit (detail) and place it on the sealing liner.



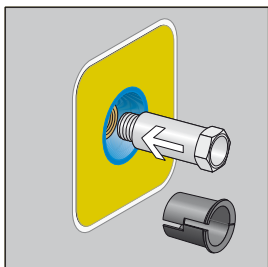
G 3. Press the insert sleeve over the fitting using both thumbs in the direction of the pipe connection.



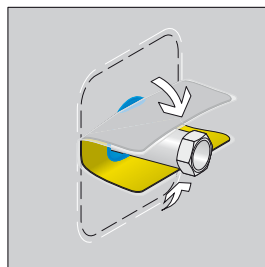
G 4. Push the liner collar of the sealing liner over the pipe connection using the insert sleeve. The liner collar must be seated on the water connection at tension!



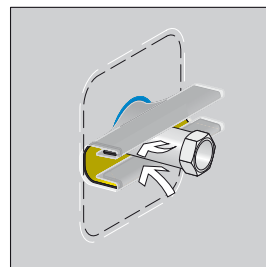
G 5. Remove the insert sleeve.



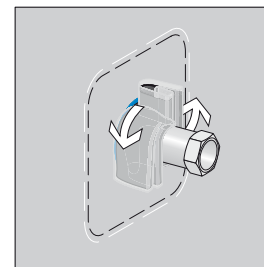
G 6. Screw in the preliminary plug.



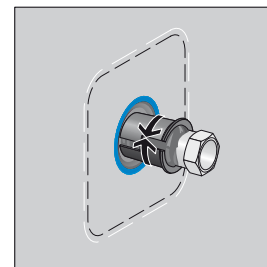
G 7. Shift the sealing liner towards the middle.



G 8. Strike it further in again.



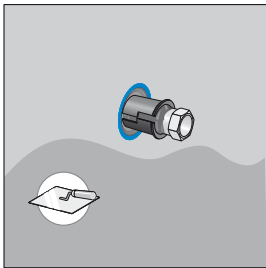
G 9. Wrap the folded sealing liner around the side of the preliminary plug.



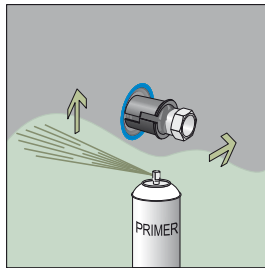
G 10. The sealing liner is held together by the insertion sleeve.

Installation instructions DURABASE WS **WALL AND FLOOR SEALING**

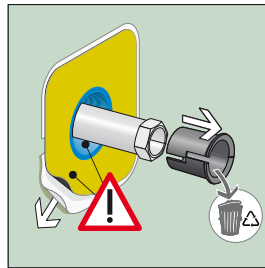
G Continuation: Installation instructions for drip protection liner



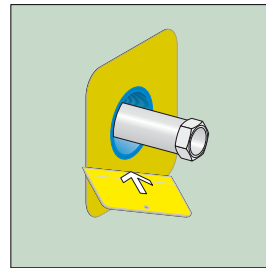
G 11. Plaster the wall surface.



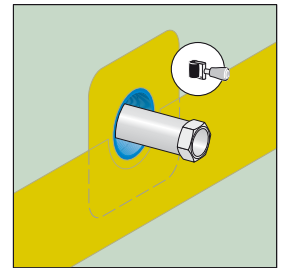
G 12. Prime the wall surface.



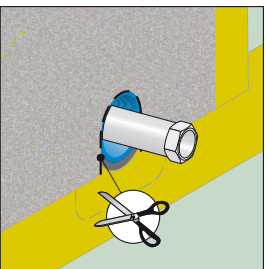
G 13. Remove the insert sleeve. Unfold the sealing liner. Carefully remove any lubricating grease residue. The sealing surface of the sealing liner must be absolutely free of grease! Remove the protective film.



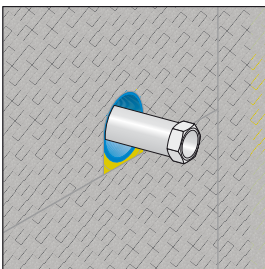
G 14. Using the trowel, firmly press the sealing liner.



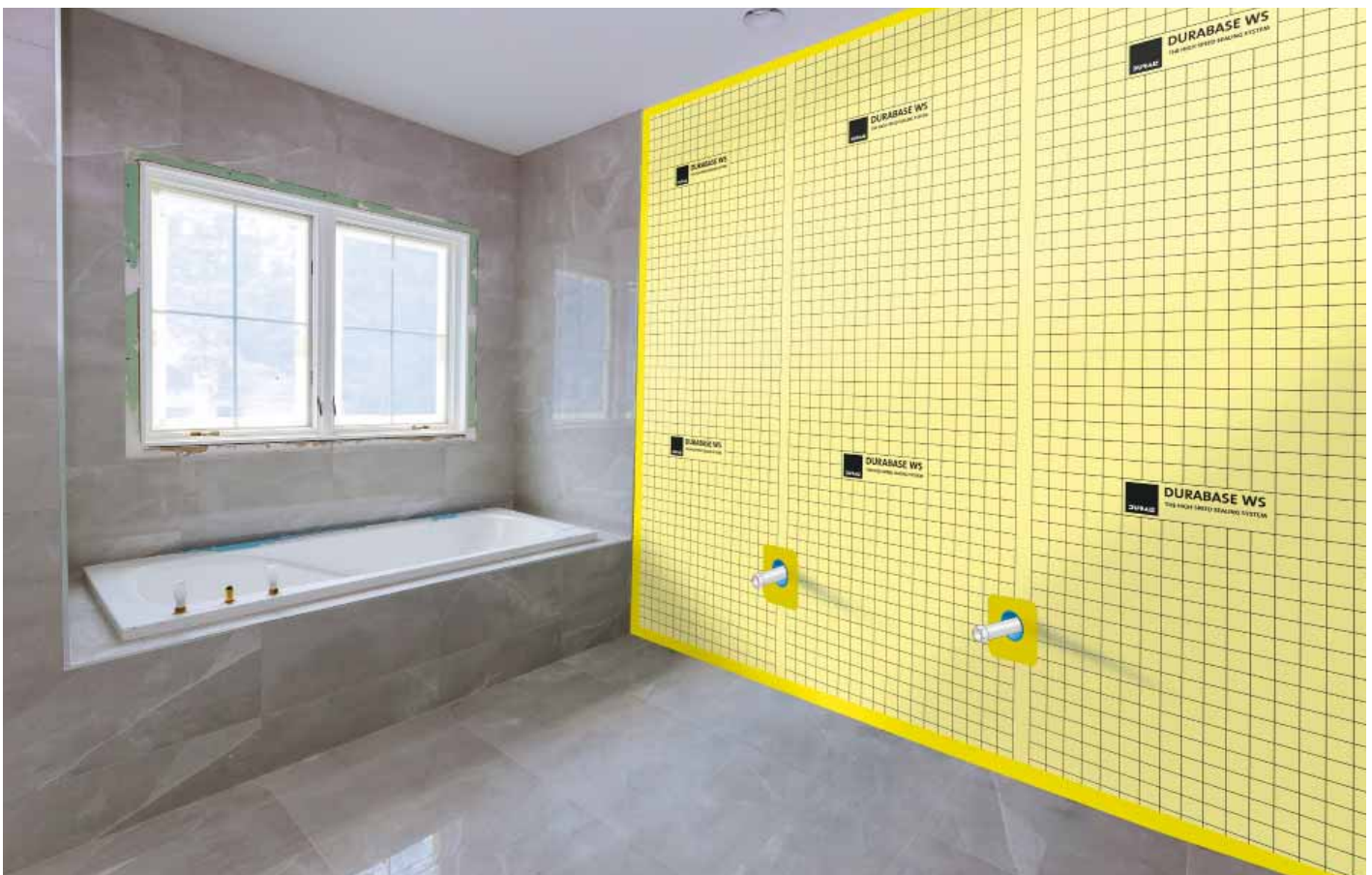
G 15. Apply the corner tape to the sealing liner and flatten using a roller.



G 16. Cut the sealing membrane horizontally and cut it out at the pipe feed.

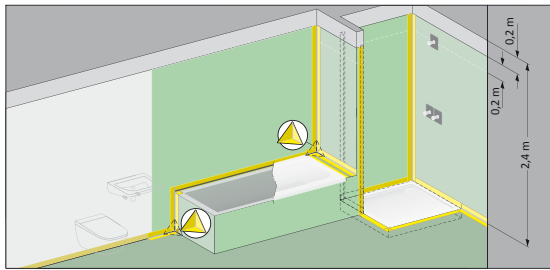


G 17. Reapply the lower part of the sealing membrane. Proceed with the wall sealing.

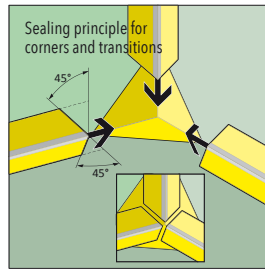


Installation instructions DURABASE WS **WALL AND FLOOR SEALING**

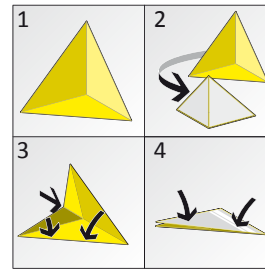
B. Sealing of the transitions between wall/wall and wall/floor with internal/external corners and with corner tape.



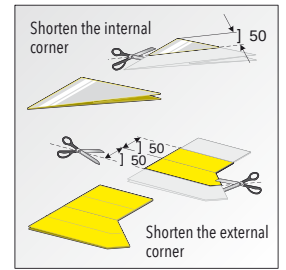
B. Attaching the self-adhesive internal and external corners and the corner tapes.



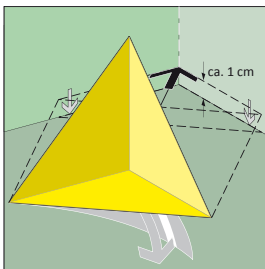
B 1. The **internal corners (a)** ensure absolute tightness at the intersection of the overlapping corner tapes **(b)** in the area of the remaining groove **(c)**. The flexible PE foam compensates any unevenness in the area of the wall and floor.



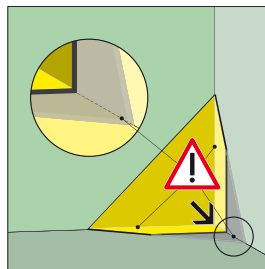
B 2. Fold the **internal corners (1-4)** and shorten as needed (see Figure B 3).



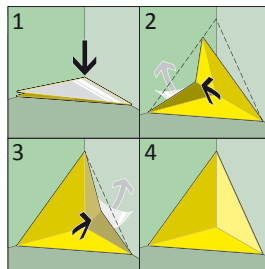
B 3. The self-adhesive **internal and external corners can be shortened all the way around up to 50 mm.**



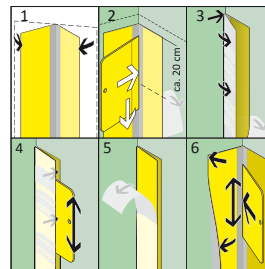
B 4. Push the pyramid in the corner down to approx. 1 cm above the floor, **pull down the cover film to remove**. Push the pyramid all the way down on the wall and press it onto the floor.



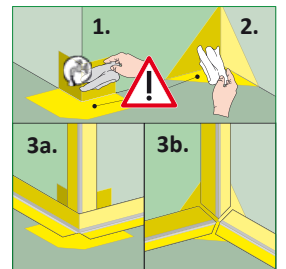
B 5. The 3 edges of the internal corners must have **a tight fit in the corner!** The tip of the internal corner can be shortened if necessary.



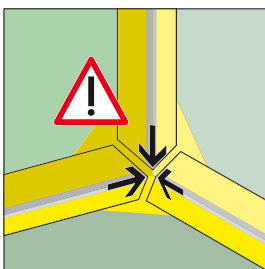
B 6. Then remove the cover films of the side parts **(2+3)** and apply the raised **internal corner** to both walls **(4)**.



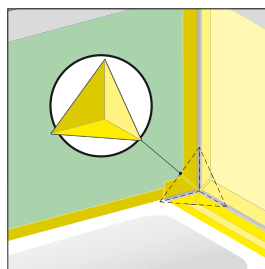
B 7. **Fold the corner tape (1).** Pull off a bit of the protective film at the top **(2)**. Lay the corner tape halves on top of each other, place the fold in the top corner **(3)** and press it on. Press on the left corner tape half with a squeegee **(4)**. Remove the protective film on the right **(5)** and press on the corner tape with a squeegee **(6)**.



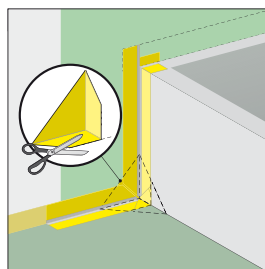
B 8. 1. Wipe the external or internal corner with a wet cloth. 2. Wipe dry. 3a or 3b bonding of the sealing membrane to the external or internal corner.



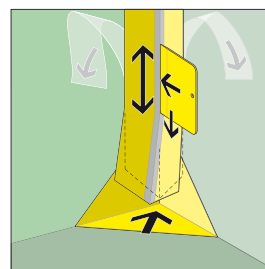
B 9. **Attaching the corner tape:** The corner tapes on the internal corners should each be **chamfered on a mitre at 45°** (see Figure B1). The corner tapes must **not** overlap! (Installation height too big!)



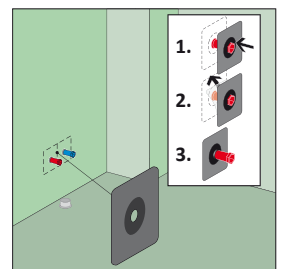
B 10. Example: **Apply the self-adhesive internal corner** in the corner of wall/wall/recess floor, shorten beforehand if necessary, see **B 5**.



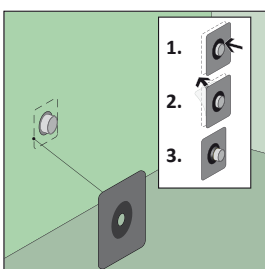
B 11. Example: Apply the self-adhesive **internal corner** in the corner of the wall/tub/floor. If necessary, the self-adhesive internal corner can be cut to size.



B 12. Start with applying the internal corner at the top. Pull off the cover film downwards. Apply the **corner tape** as shown in Figure **B 7**. Press on using a squeegee.



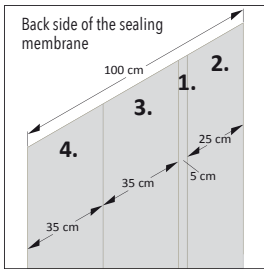
B 13. All pipe feeds (e.g. 1/2) should be secured with **wall liners: 1.** Put the liner with the membrane over the preliminary plug **2.** Remove the cover film **3.** Press the liner on without air bubbles.



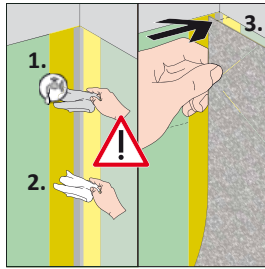
B 14. All pipe feeds (e.g. DN50) should be secured with **wall liners:**
1. Put the liner with the membrane over the preliminary plug
2. Remove the cover film
3. Press the liner on without air bubbles.

Installation instructions DURABASE WS **WALL AND FLOOR SEALING**

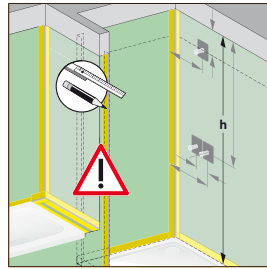
C. Applying the sealing membrane to the wall, shower tray and bathtub/shower tray area



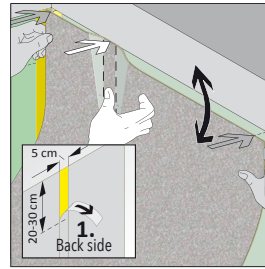
C 1. Protective film on the back side of the sealing membrane. Sequence (1.-4.) In which the protective film is removed from the back of the sealing membrane.



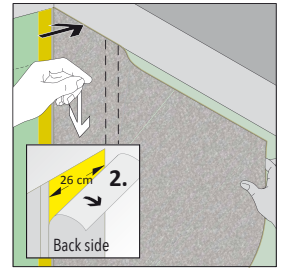
C 2. 1. Wipe the yellow overlap zone with a wet cloth. 2. Wipe dry. 3. Apply bathtub/shower tray sealing tapes, corner tapes, sealing corners and liners so that they overlap.



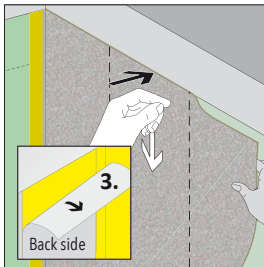
C 3. Warning! Cut all sealing membranes to length with an additional length of $h + \text{approx. } 20 \text{ cm}$! Before applying the sealing membrane, determine the passage points for fittings etc. and transfer the dimensions to the sealing membrane, see Figures D1 - D7.



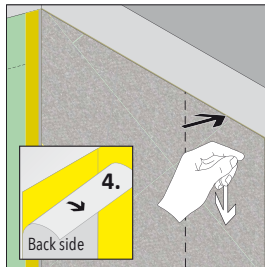
C 4. Pull off the 5 cm wide protective film approx. 20-30 cm down. Apply and align the sealing membrane in this area. Gradually pull off the remaining protective film further down and apply the sealing membrane **up to the corner tape on the floor**. For details, see Figures C 8 and on.



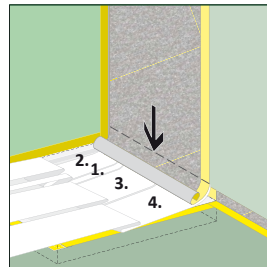
C 5. Gradually pull off the 26 cm wide protective film downwards. Press the **upper part** of the sealing membrane against the wall in the area where the cover film was removed. Pull off the remaining protective film down and apply the sealing membrane **up to the corner tape on the floor**.



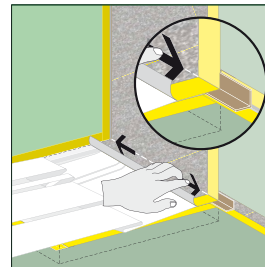
C 6. Gradually pull off the 35 cm wide protective film downwards and continue as before.



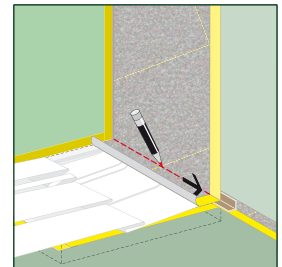
C 7. Gradually pull off the 35 cm wide protective film downwards and continue as before.



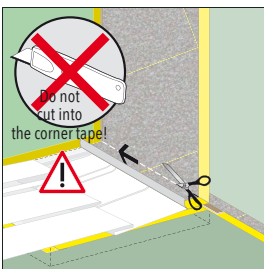
C 8. All the protective films should be removed until just above the corner tape and the sealing membrane should be pressed on. **Do not remove the protective film at the bottom of the wall/floor transition yet!**



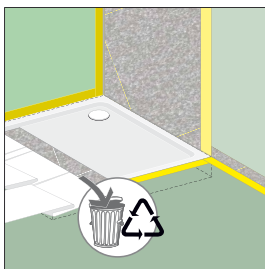
C 9. Thoroughly stroke the sealing membrane by hand into the inner groove of a **cardboard angle**.



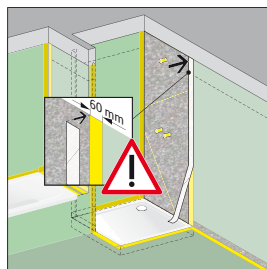
C 10. Mark the sealing membrane along the cardboard angle in the wall/floor (tub) area with a pencil.



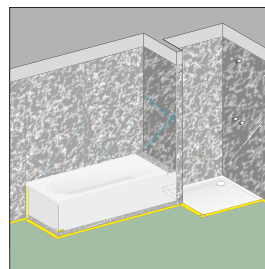
C 11. Then cleanly cut the sealing membrane along the marking with scissors. **Caution: Do not damage the corner tape!**



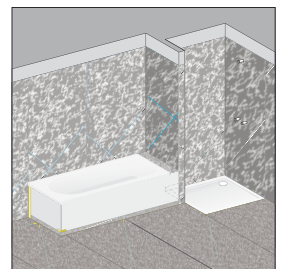
C 12. Remove any **remaining cover film** from the sealing membrane. Press the sealing membrane firmly to the wall and floor area as well as to the corner tape.



C 13. Apply a white finishing strip (60 mm) **to the fleece-free edge strips**.



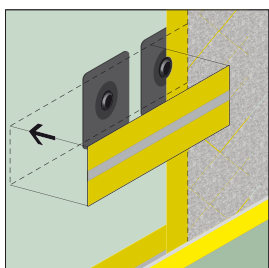
C 14. Complete sealing membranes in the shower tray and bathtub/shower tray area.



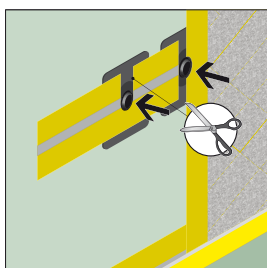
C 15. Finished sealing membranes in the floor area.

Installation instructions DURABASE WS **WALL AND FLOOR SEALING**

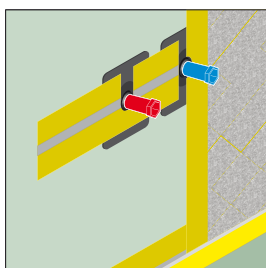
D. Prepare the sealing for pipe feeds and apply sealing membranes



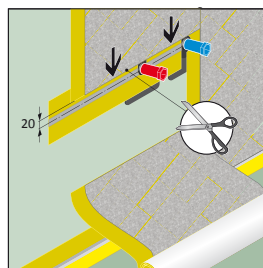
D 1. Apply a strip of corner tape with trowel protection strips over the sealing liners. It ensures secure connection with the remaining sealing membrane (D7) below.



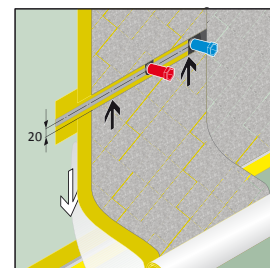
D 2. Cut out the passages for the preliminary plug(s).



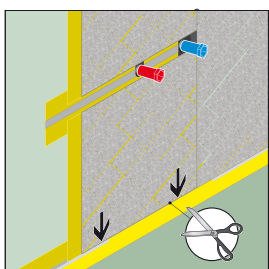
D 3. Screw in the preliminary plugs.



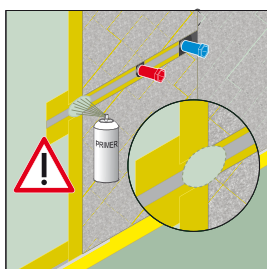
D 4. Starting from the middle of the corner tape, **mark the sealing membrane above the pipe feeds 20 mm upwards** and **cut off the sealing membrane**.



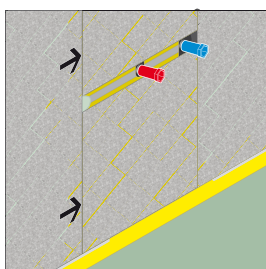
D 5. Apply the rest of the sealing membrane **at 20 mm below** the middle of the corner tape and fasten all the way to the floor.



D 6. Cut the sealing membrane at the inner groove of the corner tape. Flatten the sealing membrane using a roller.



D 7. Apply spray primer to the trowel protection and fleece area of the sealing membrane until saturated.

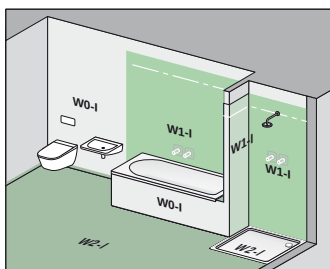


D 8. The next sealing membrane is then attached.

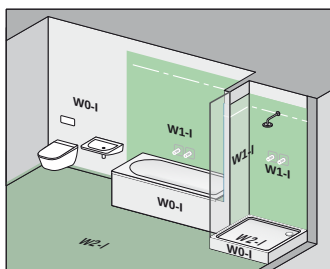


Installation instructions DURABASE WS **WALL AND FLOOR SEALING**

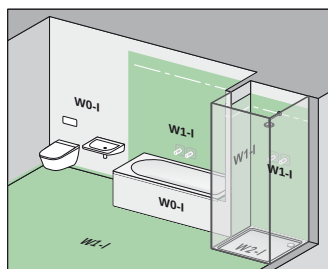
EN Sealing according to DIN 18534-1 Priming wall and floor surfaces



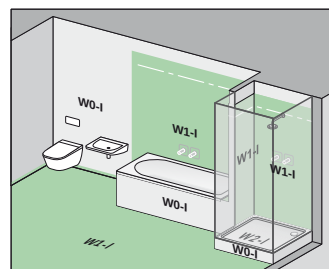
EN 1. Residential bathroom with bathtub and level-access shower



EN 2. Residential bathroom with bathtub and level-access shower with shower partition

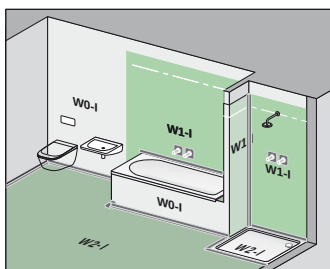


EN 3. Residential bathroom with bathtub and shower tray

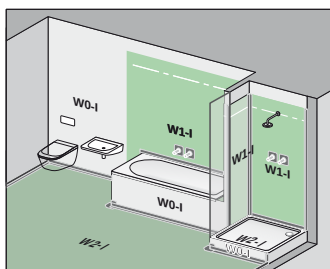


EN 4. Residential bathroom with bathtub and shower tray with shower partition

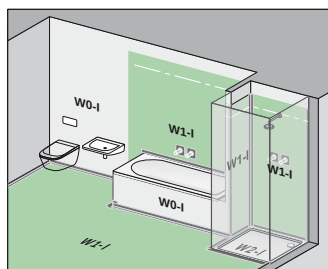
EN Sealing of the transitions between wall, floor and bathtub/shower/shower partition



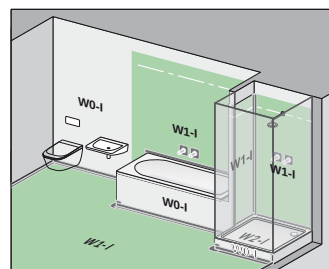
EN 11. Sealing of the transitions between wall and floor as well as bathtub and shower.



EN 12. Sealing of the transitions between wall and floor and bathtub, shower and shower partition.

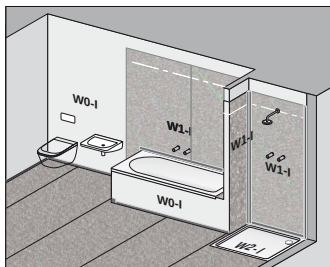


EN 13. Sealing of the transitions between wall and floor and bathtub, shower and shower partition.

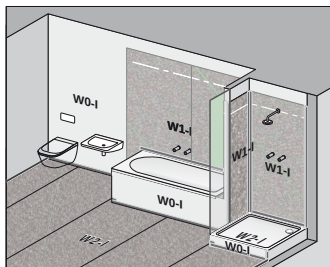


EN 14. Sealing of the transitions between wall and floor and bathtub, shower and shower partition.

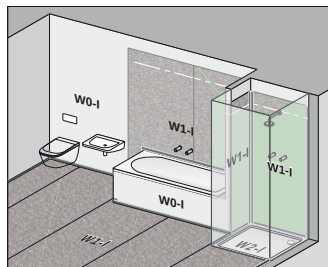
EN Sealing of the wall and floor surfaces



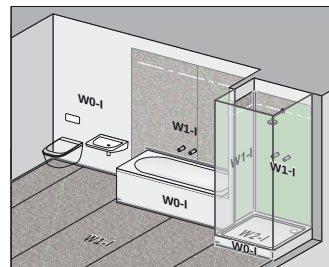
EN 21. Sealing membranes on walls and floors for exposure class W1-I and W2-I surfaces.



EN 22. Sealing membranes on walls and floors for exposure class W1-I and W2-I surfaces.



EN 23. Sealing membranes on on walls and floors exposure class W1-I and W2-I surfaces.

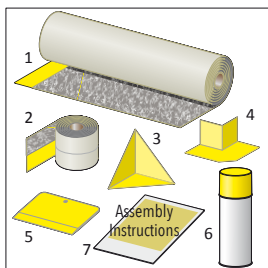


EN 24. Sealing membranes on walls and floors for exposure class W1-I and W2-I surfaces.

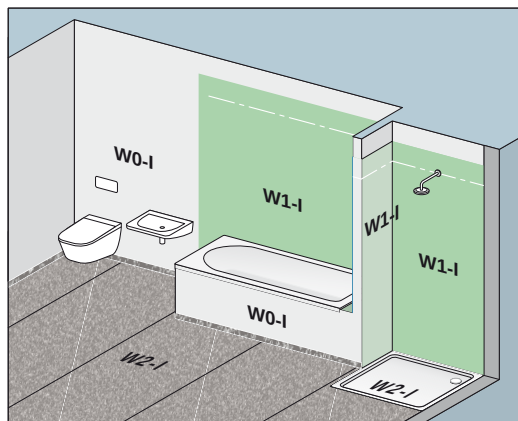


Installation instructions DURABASE WS FLOOR SEALING

Required DURABASE WS Products

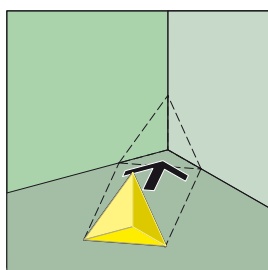


E 1. Self-adhesive floor sealing set, for dry sealing of the floor. **1** Sealing membrane 1m x 30 m; **2** Base sealing tape 50 m; **3** 6x internal corners; **4** 2x external corners; **5** Installation aid: Squeegee; **6** Spray primer; **7** Assembly instructions.

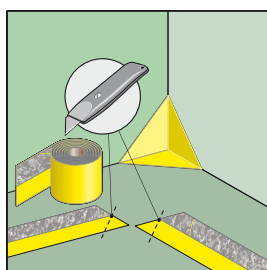


E 2. Residential bathroom with bathtub and level-access shower

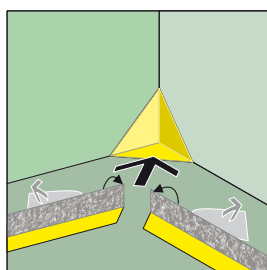
E. Floor sealing



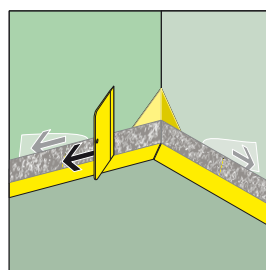
E 3. Apply the internal corner to the corner, see picture B 2 - B 6.



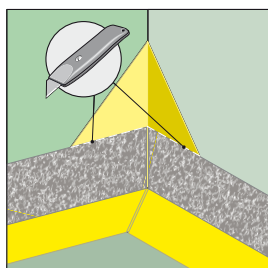
E 4. Chamfer the base sealing tape in the area of the internal corner at 45° using a cutter or scissors (mitre).



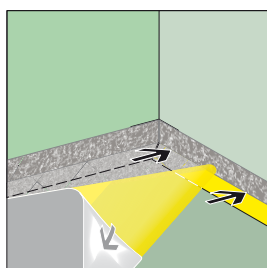
E 5. Pull off a bit of the protective film on the back, fold the fleece strip sides up 90° to the wall and set the tape in the internal corner.



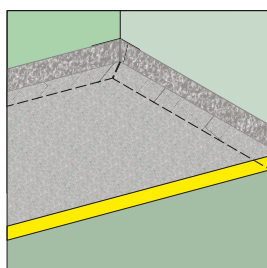
E 6. Remove the remaining protective film and press on the base sealing tape with a trowel.



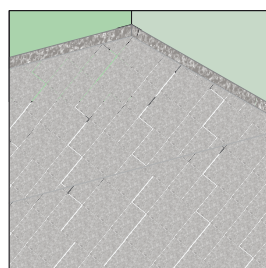
E 7. Cut off the protruding internal corner at the top parallel to the base sealing tape using the cutter.



E 8. Pull off a bit of the protective film at the beginning of the sealing membrane. Starting in the corner, set the sealing membrane on the fleece-free edge strip of the base sealing tape.



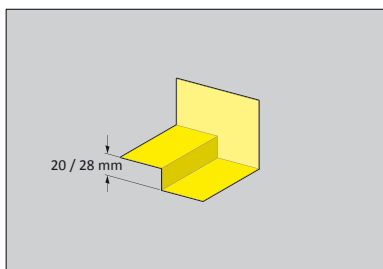
E 9. Remove the remaining protective film and press the sealing membrane firmly onto the floor.



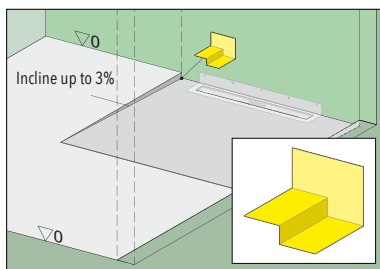
E 10. Set the sealing membranes continuously on the fleece-free edge strip.

Installation instructions DURABASE WS **FLOOR SEALING**

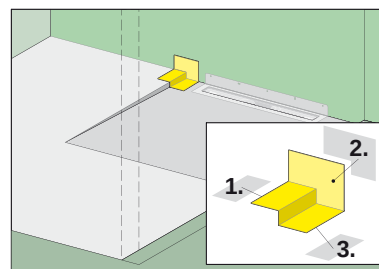
F. Wedge-shaped corner on level-access shower with corner tape + trowel protection



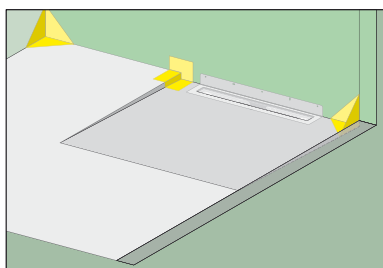
F 1. Sealing the sealing wedge (grade 20 or 28 mm)



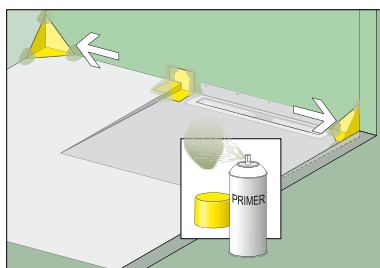
F 2. Sealing wedge for level-access showers (corner installation).



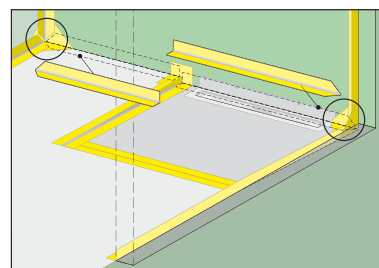
F 3. Installation of the wedge at the transition between wall/shower, wall/floor and shower/floor. For this purpose, always pull off the protective films one at a time in the order 1-3 and apply them.



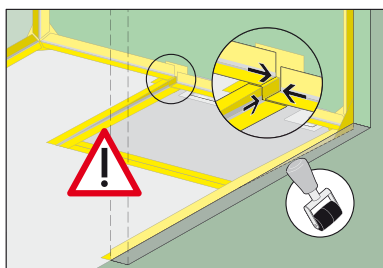
F 4. Applying the **internal corners** and connecting with corner tape.



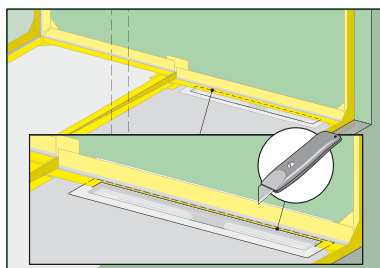
F 5. Prime the internal corners and sealing wedge on the wall/floor using the primer spray.



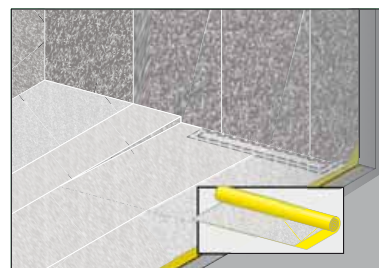
F 6. Preparing and **applying the corner tape**: On the internal corners, chamfer the ends of each of the three corner tapes on a mitre (see Figures **B 1** and **B 8**). The corner tapes must **not** overlap! (Installation height too big!)



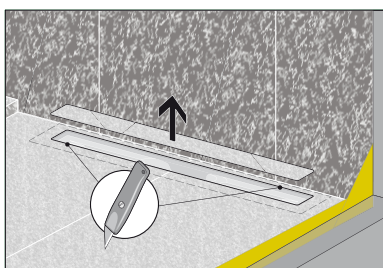
F 7. Applying corner tape to the sealing wedge: The corner tapes must **not** overlap! (Installation height too big!) Flatten all corner tapes using a roller.



F 8. Corner tape on the shower channel: Use a knife to cut out the inner body.



F 9. Apply sealing membranes to the entire wet area on the wall and floor.



F 10. Use a knife to cut out the sealing membrane on the inner shower channel body.

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