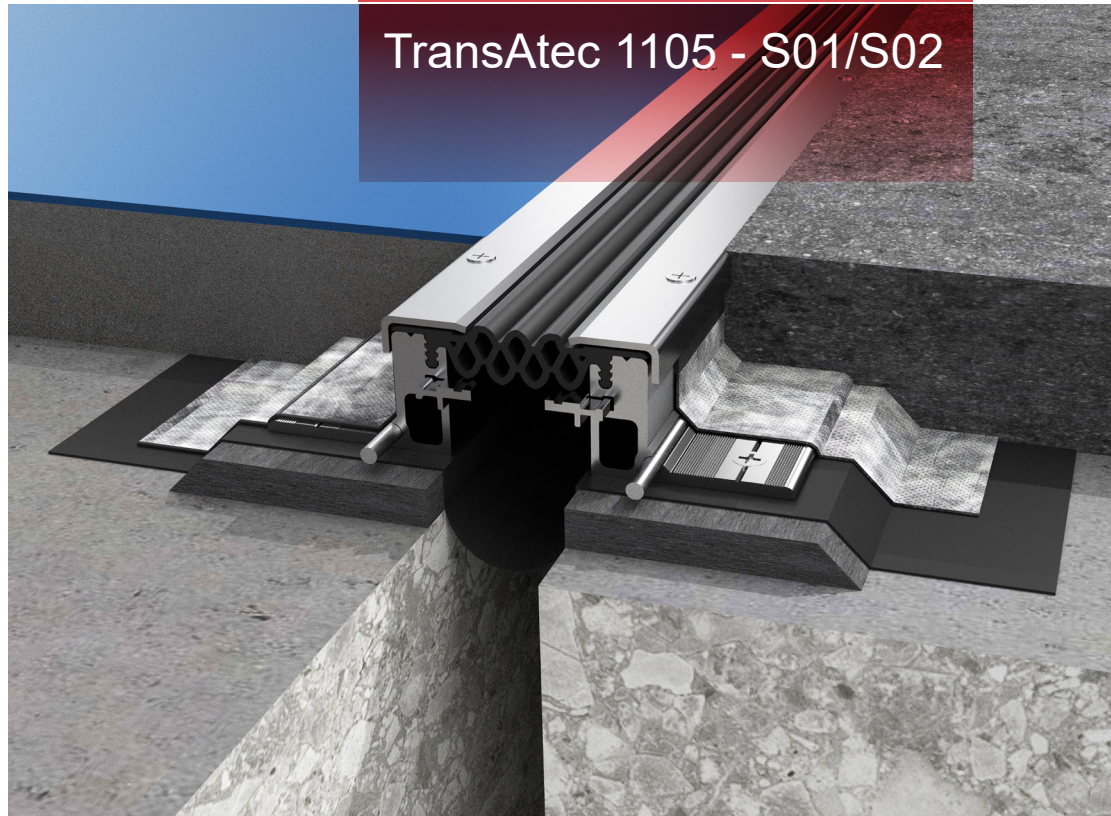


Method Statement

TransAtec 1105 - S01/S02



Contents

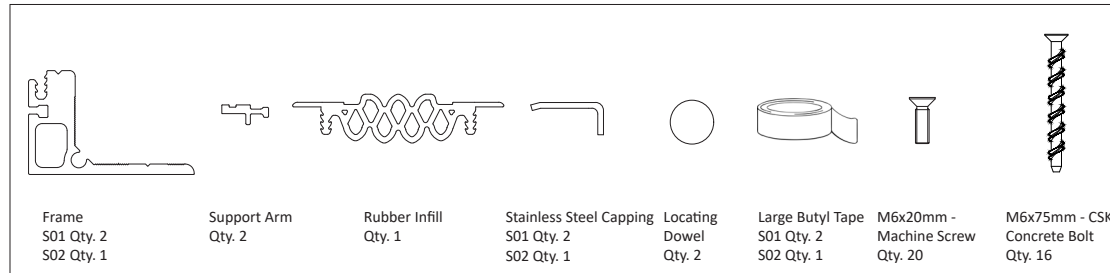
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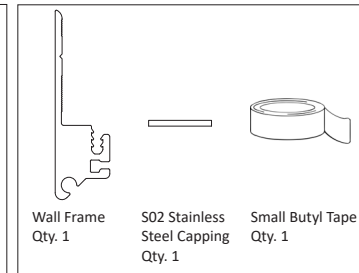
Method Statement

Assembly Contents :

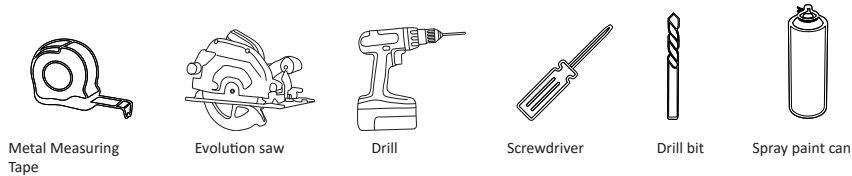
S01/S02



S02



Fitting Hardware :



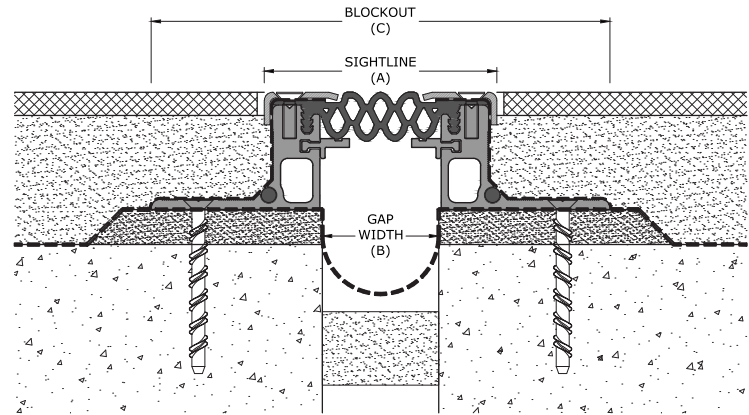
Before You Start :

- Remove joint components from the packaging taking care not to damage exposed surfaces of the profile material.
- Verify that structural gap and block out dimensions are in conformance with submittal data prior to commencing work.

Product Details

Product Number	Sightline A (mm)	Blockout C (mm)
1105-S01-025	75	173
1105-S01-050	100	198
1105-S01-075	125	223
1105-S01-100	150	248
1105-S02-025	75	124
1105-S02-050	100	149
1105-S02-075	125	174
1105-S02-100	150	199

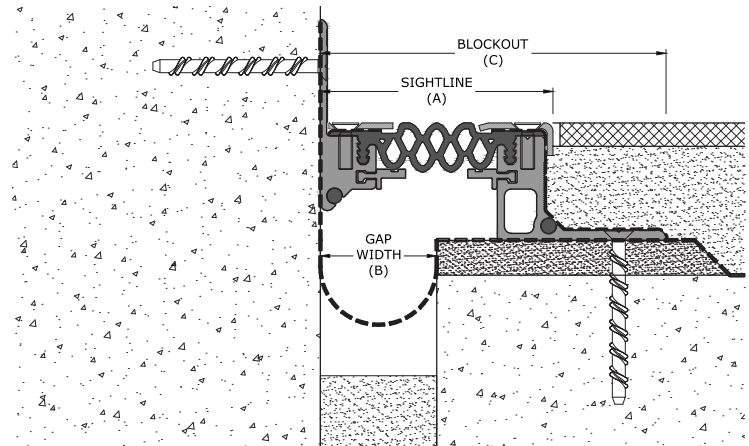
Transatec 1105 : S01



Preparation :

- Ensure that the floor is flat, levelled and debris free.
- The fire barrier and waterproofing membrane must be installed in the structural gap before the architectural joint system. Refer to separate method statement.
- If Waterproofing has been fitted, apply gun-applied resin anchor to each hole. Refer to separate Method Statement.
- Ideally the TransAtec 1105 expansion joint system should be installed on a secondary waterproofing layer cross-linked to the structural waterproofing. This secondary waterproofing layer ensures that water does not enter the structural gap and pass to floors beneath. Such a waterproofing layer should be bonded to the deck and looped into the structural gap prior to the joint being installed.

Transatec 1105 : S02

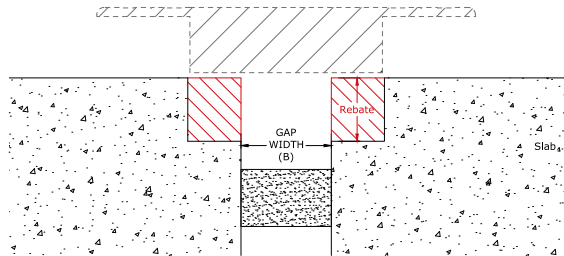


Rebate : If required for joint

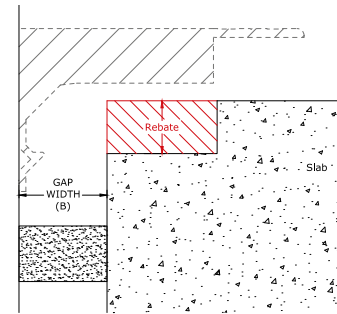
Surface Mounted Rebate

- A rebate may be required in the concrete to allow for the overall width of the blockout of the profile. The width of the rebate must be square to allow for the joint to fit the required width, do not make the rebate bigger than the blockout dimension.
- The rebate must be the full depth of the height of the profile, plus 5-10mm for tolerance.

Floor-Floor



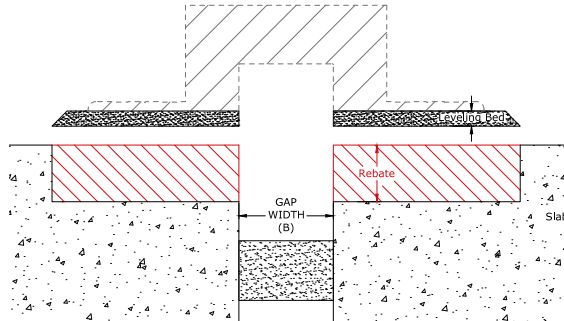
Floor - Wall



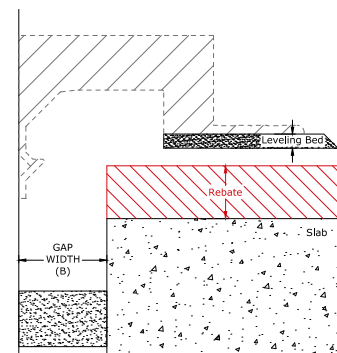
Depth Allowance Rebate

- The depth allowance rebate is required when you do not have enough space within the finishes zone for a standard joint detail.
- A rebate must be made into the concrete slab at the depth of the frame height plus a minimum of 10mm levelling bed minus the floor finish depth.

Floor-Floor

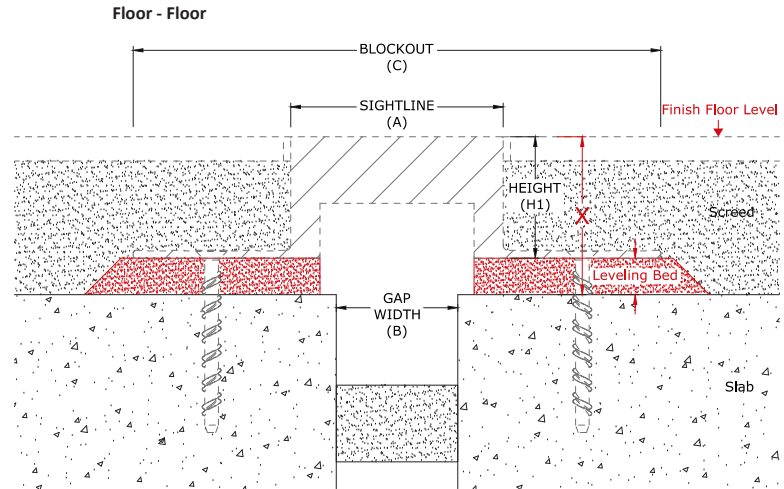


Floor - Wall

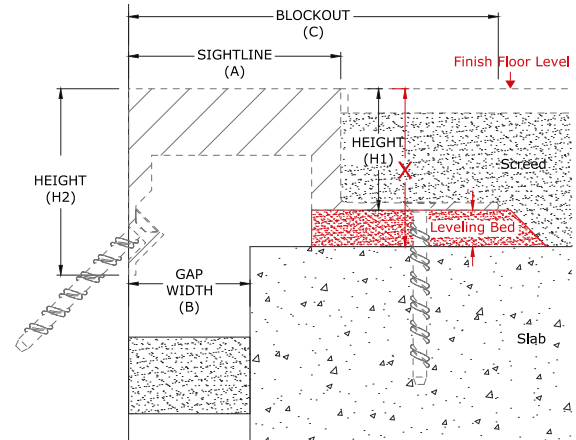


Levelling Bed : If required for joint

- Install High Strength mortar levelling bed to achieve a minimum 40N/mm² compressive strength. Minimum depth of Levelling Bed as required by manufacturers Technical Data information.
- Distance from top of Levelling Bed to Finish Floor Level must be equal to the Frame Height.
- If necessary adjust levelling bed to accommodate fire barrier and waterproofing.
- Ensure Levelling Bed is continuous along the full length of the structural gap and is consistent in height.
- Levelling bed width should be no less than Blockout width (C).
- Calculate correct levelling bed depth:
Levelling Bed + Frame Height = X
- Ensure the Levelling Bed has fully cured before drilling and fixing the Frames.



Floor - Wall

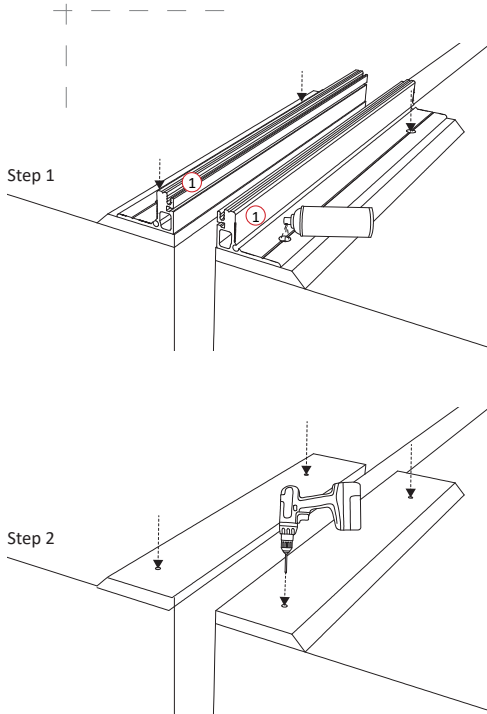


Joint Installation :

Components

- | | | |
|-------------------|---------------------------------|----------------------------------|
| (1) A01 Frame | (5) Locating Dowel | (9) Small Butyl Tape |
| (2) Wall Frame | (6) Stainless Steel Capping | (10) M6x20mm - Machine Screw |
| (3) Support Arm | (7) S02 Stainless Steel Capping | (11) M6x75mm - CSK Concrete Bolt |
| (4) Rubber Infill | (8) Large Butyl Tape | |

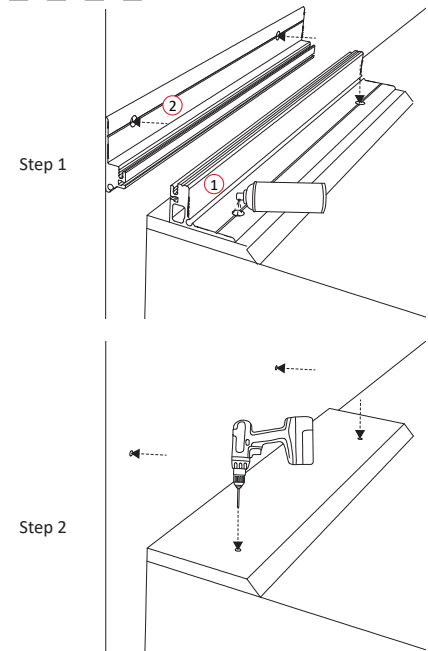
Transatec 1105 : S01



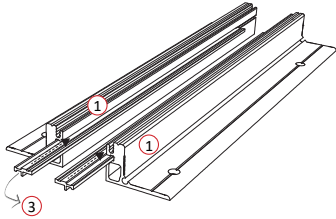
- Place the frame on the levelling bed at the width of the blockout.
- Mark the holes through the predrilled holes in the frame with spray paint or similar.

- Remove the frames and drill the holes into the levelling bed using a 6mm drill at a depth of 80mm.

Transatec 1105 : S02

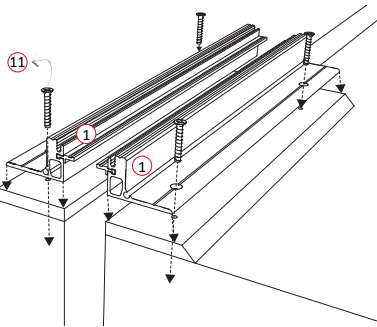


Step 3



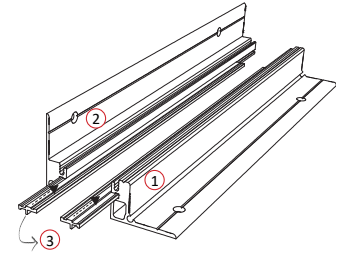
- Slide support arms into frames.

Step 4

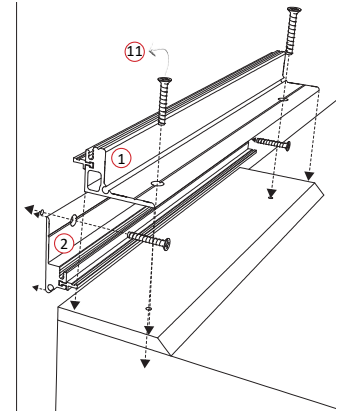


- Replace the frames back upon the levelling bed, fix the frames into place with the M6x75mm concrete screws and tightening at a torque of 25Nm.

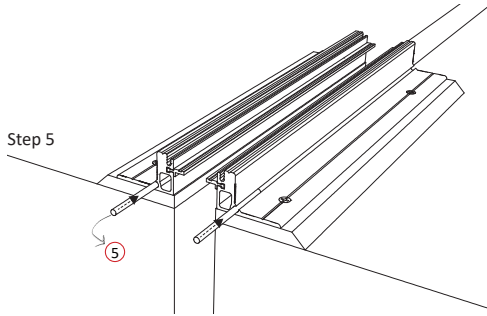
Step 3



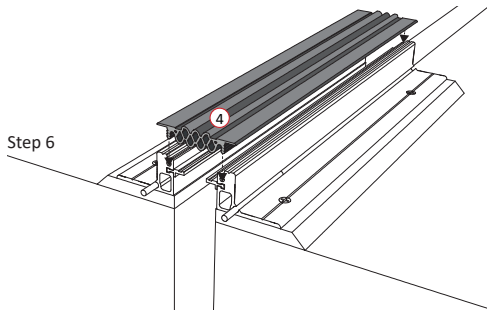
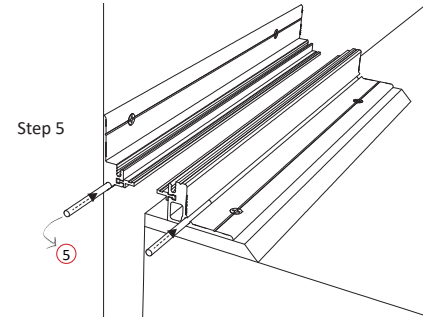
Step 4



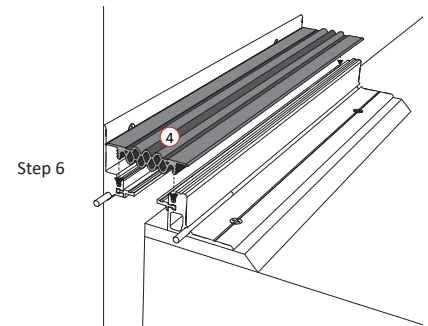
Method Statement

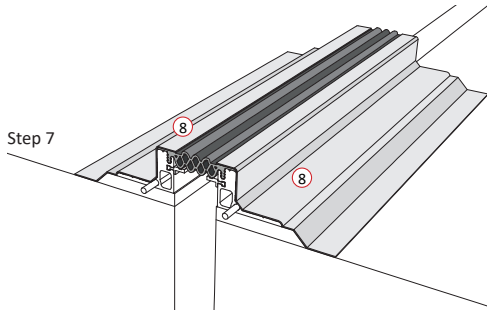


- Use the locating dowels provided to a line each 3m length of joint.

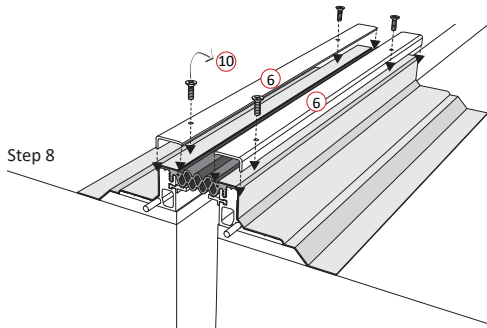


- Insert the rubber insert into the frames, warm soapy water or a roller maybe required to ease the process.



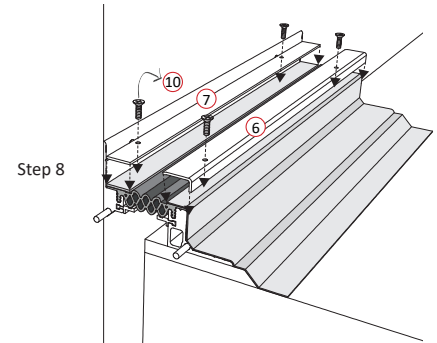
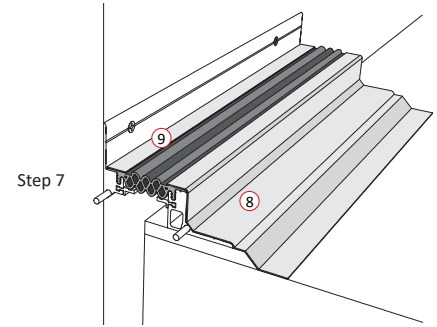


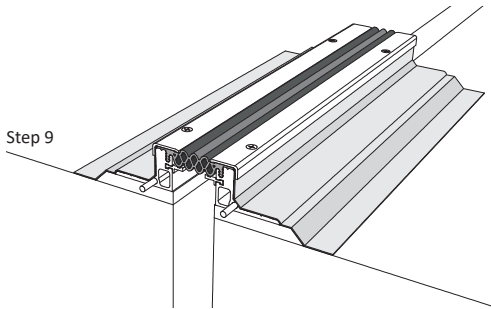
- S01 Adhere the large butyl membrane over the top of the floor frames and wings of the rubber infill.



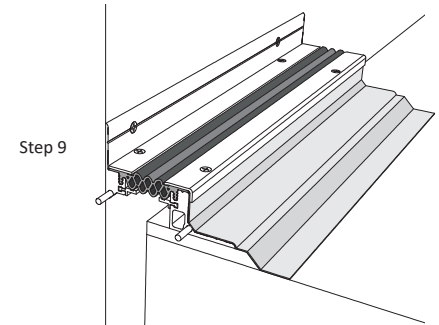
- S02 Adhere the large butyl membrane over the top of the floor frames and wings of the rubber infill. Adhere the small butyl over the wings of the rubber on the wall frame side.

- Place the capping strips onto the frames and fit into place with the M6x20mm machine screws provided.





- The expansion joint system has now been successfully installed. Backfill the blockout and install floor finish level to the top of the floor frame. Clean exposed surfaces with non-solvent cleaner as required.



Joining Lengths Together

- Ensure ends are squared off to allow joints to lay flush next to each other.
- Heat bond the length of rubber together for a watertight seal, using a Teflon coated plate.
- Intersection joints - Refer to intersection method statement.
- Measure and neatly cut to length, using a metal chop saw with aluminium cutting saw blade, minimum of 12000 RPM.

Protection :

- We recommend the joint is protected at all times from site traffic, prior to handover.
- Leave tape on until surface side of joint is ready to be exposed to avoid scratches and unwanted marks.

After Care :

Cleaning & Maintenance Instructions:

- All joints should be cleaned using a mild detergent.
- Abrasive cleaning regimes should be avoided as this could, over time, cause damage to the joint.

Please do not hesitate to call or email Vexcolt for your enquiries.

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Method Statement

