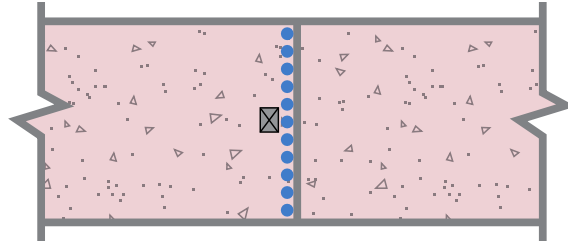
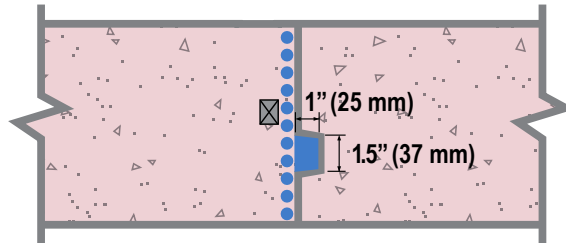


Not subject to hydrostatic pressure



Subject to hydrostatic pressure



..... CONCENTRATE SLURRY COAT

■ CONCENTRATE DRY-PAC

■ ADMIX

⊗ WATERSTOP

STEP 1: On the bulkhead formwork modify the forms to create a linear groove in the finished concrete surface. The linear groove is to be included at all construction joints. The linear groove is to be 1½" (37 mm) high by 1" (25 mm) deep. Position the linear groove to be closer to the wet side of the element.

STEP 2: Pour Xypex Admix treated concrete and cure in accordance with ACI, EN or other applicable international standard. Strip forms including formwork for linear groove.

STEP 3: Clean joints, including linear groove, thoroughly. Apply Xypex Concentrate slurry to linear groove at the rate of 1.5 lb./sq.yd. (0.8 kg/m²). Fill linear groove with Xypex Concentrate Dry-Pac and pack tightly to create the Xypex "sealing strip".

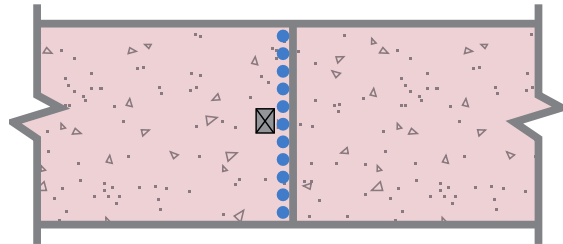
STEP 4: Apply Xypex Concentrate slurry to joint surface, including over the sealing strip, at the rate of 2.0 lb./sq.yd. (1.0 kg/m²).

Note 1: Schematic diagram shows Xypex application and waterstops. Inclusion, type and position of waterstops and expansion joints are at the discretion of the designer. Expanding waterstops may be placed on the slurry coat after it has dried or before application. Slurry coat may only be applied over waterstop if approved by waterstop manufacturer.

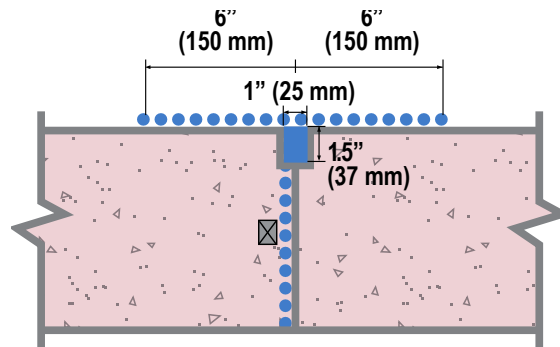
Note 2: Keyways may be incorporated into the joint design at the discretion of the designer.

Note 3: Schematic drawing shows Xypex Admix application. Specifier may consider the alternative use of Xypex dry shake (DS-Series) or Xypex coatings, where applicable. Refer to Xypex Standard Specifications for more information.

Not subject to hydrostatic pressure



Subject to hydrostatic pressure



..... CONCENTRATE SLURRY COAT

■ CONCENTRATE DRY-PAC

■ ADMIX

⊗ WATERSTOP

STEP 1: Clean joint thoroughly. Apply Xypex Concentrate slurry to joint surfaces at the rate of 2.0 lb./sq.yd. (1.0 kg/m²).

STEP 2: On the side of the concrete element that will have direct water contact create a linear groove in the finished concrete surface. The linear groove is to be aligned with and included at all construction joints and to be 1" (25 mm) wide by 1½" (37 mm) deep. The linear groove may be offset to either side of the joint.

STEP 3: Pour Xypex Admix treated concrete and cure in accordance with ACI, EN or other applicable international standard. Strip forms including formwork for linear groove.

STEP 4: Clean linear groove thoroughly. Apply Xypex Concentrate slurry to linear groove at the rate of 1.5 lb./sq.yd. (0.8 kg/m²). Fill linear groove with Xypex Concentrate Dry-Pac and pack tightly to create the Xypex "sealing strip".

STEP 5: Apply Xypex Concentrate slurry coat at 1.5 lb./sq.yd. (0.8 kg/m²) over sealing strip and extending to 6" (150 mm) on either side. Cure for 48 - 72 hours in accordance with normal Xypex coatings curing procedures.

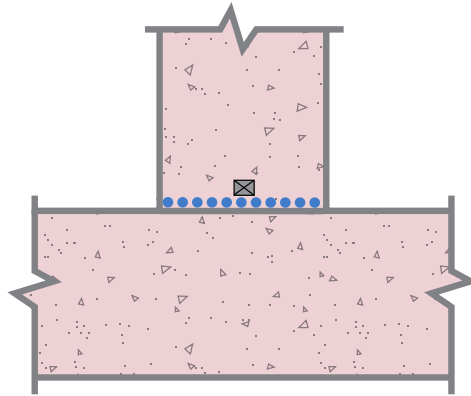
Note 1: Schematic diagram shows Xypex application and waterstops. Inclusion, type and position of waterstops and expansion joints are at the discretion of the designer. Expanding waterstops may be placed on the slurry coat after it has dried or before application. Slurry coat may only be applied over waterstop if approved by waterstop manufacturer.

Note 2: Keyways may be incorporated into the joint design at the discretion of the designer.

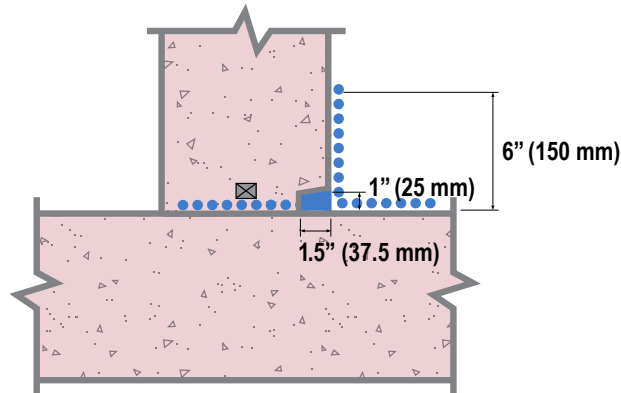
Note 3: Schematic drawing shows Xypex Admix application. Specifier may consider the alternative use of Xypex dry shake (DS-Series) or Xypex coatings, where applicable. Refer to Xypex Standard Specifications for more information.

STANDARD CONST. JOINT DETAILS – WALL ONTO SLAB

Not subject to hydrostatic pressure



Subject to hydrostatic pressure



..... CONCENTRATE SLURRY COAT

■ CONCENTRATE DRY-PAC

■ ADMIX

⊠ WATERSTOP

STEP 1: Clean joint thoroughly. Apply Xypex Concentrate slurry to joint surface at the rate of 2.0 lb./sq.yd. (1.0 kg/m²).

STEP 2: On the side of the concrete element that will have direct water contact modify the formwork to create a linear groove in the finished concrete surface. The linear groove is to be aligned with the wall to slab joint and is to be 1" (25 mm) high by 1½" (37 mm) deep.

STEP 3: Pour Xypex Admix treated concrete and cure in accordance with ACI, EN or other applicable international standard. Strip forms including formwork for linear groove.

STEP 4: Clean linear groove thoroughly. Apply Xypex Concentrate slurry to linear groove at the rate of 1.5 lb./sq.yd. (0.8 kg/m²). Fill linear groove with Xypex Concentrate Dry-Pac and pack tightly to create the Xypex "sealing strip".

STEP 5: Apply Xypex Concentrate slurry coat at 1.5 lb./sq.yd. (0.8 kg/m²) over sealing strip and extending to 6" (150 mm) on either side. Cure for 48 - 72 hours in accordance with normal Xypex coatings curing procedures.

Note 1: Schematic diagram shows Xypex application and waterstops. Inclusion, type and position of waterstops and expansion joints are at the discretion of the designer. Expanding waterstops may be placed on the slurry coat after it has dried or before application. Slurry coat may only be applied over waterstop if approved by waterstop manufacturer.

Note 2: Keyways may be incorporated into the joint design at the discretion of the designer.

Note 3: Schematic drawing shows Xypex Admix application. Specifier may consider the alternative use of Xypex dry shake (DS-Series) or Xypex coatings, where applicable. Refer to Xypex Standard Specifications for more information.



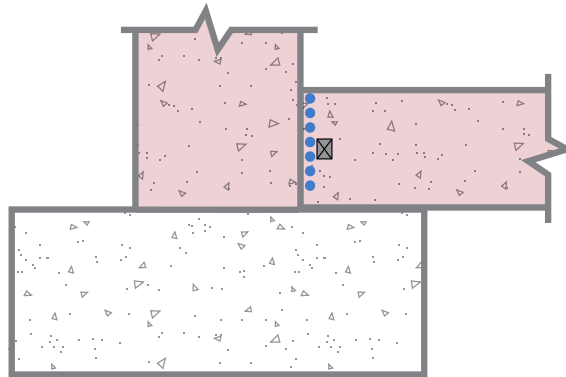
Diagram illustrating the lap joint between two concrete beams. The lap length is specified as 1.5" (37 mm). The vertical offset for the bars is specified as 1" (25 mm).

 WATERSTOP

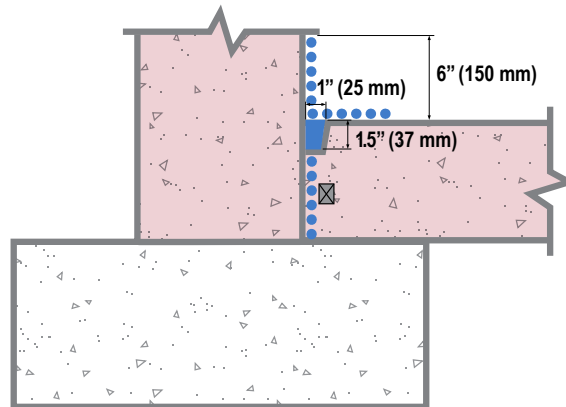
Note 4: Schematic drawing shows Xypex Admix application. Specifier may consider the alternative use of Xypex dry shake (DS-Series) or Xypex coatings, where applicable. Refer to Xypex Standard Specifications for more information.

STANDARD CONST. JOINT DETAILS – SLAB INTO WALL TO KEEP WATER IN

Not subject to hydrostatic pressure



Subject to hydrostatic pressure



..... CONCENTRATE SLURRY COAT

■ CONCENTRATE DRY-PAC

■ ADMIX

⊗ WATERSTOP

STEP 1: Clean joint thoroughly. Apply Xypex Concentrate slurry to joint surface at the rate of 2.0 lb./sq.yd. (1.0 kg/m²).

STEP 2: Where the slab will contact the wall, create a linear groove in the finished concrete surface of the slab. The linear groove is to be 1" (35 mm) wide by 1½" (37 mm) deep.

STEP 3: Pour Xypex Admix treated concrete and cure in accordance with ACI, EN or other applicable international standard. Strip forms including formwork for linear groove.

STEP 4: Clean linear groove thoroughly. Apply Xypex Concentrate slurry to the linear groove at the rate of 1.5 lb./sq.yd. (0.8 kg/m²). Fill linear groove with Xypex Concentrate Dry-Pac and pack tightly to create the Xypex "sealing strip".

STEP 5: Apply slurry of Xypex Concentrate at 1.5 lb./sq.yd. (0.8 kg/m²) over sealing strip and extending to 6" (150 mm) on either side. Cure for 48 - 72 hours in accordance with normal Xypex coatings curing procedures.

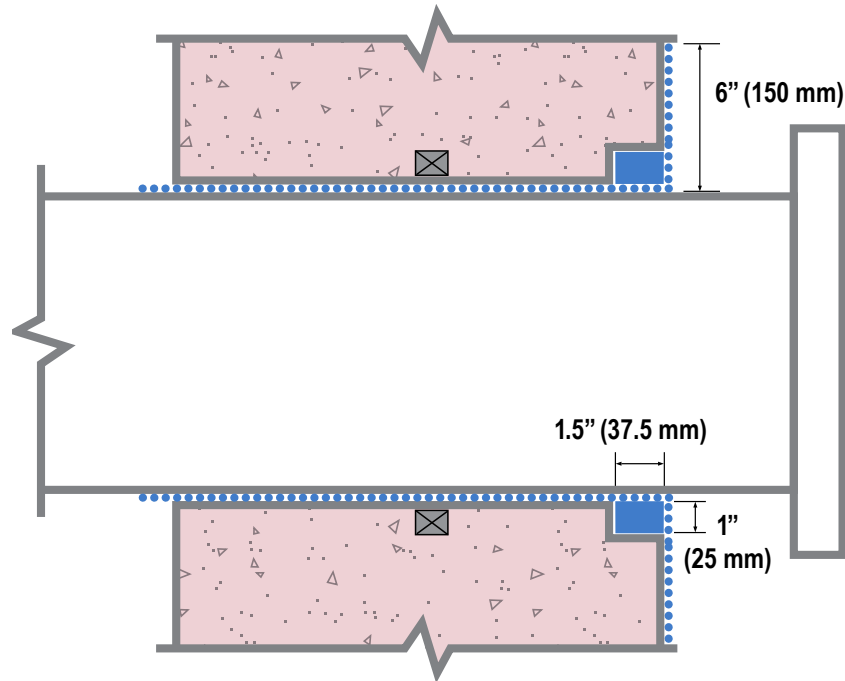
Note 1: Schematic diagram shows Xypex application and waterstops. Inclusion, type and position of waterstops and expansion joints are at the discretion of the designer. Expanding waterstops may be placed on the slurry coat after it has dried or before application. Slurry coat may only be applied over waterstop if approved by waterstop manufacturer.

Note 2: Keyways may be incorporated into the joint design at the discretion of the designer.

Note 3: Xypex Admix may be considered for footings to protect the concrete and thus extend the service life of the structure.

Note 4: Schematic drawing shows Xypex Admix application. Specifier may consider the alternative use of Xypex dry shake (DS-Series) or Xypex coatings, where applicable. Refer to Xypex Standard Specifications for more information.

STANDARD METAL PIPE DETAIL



..... CONCENTRATE SLURRY COAT

■ CONCENTRATE DRY-PAC

■ ADMIX

■ WATERSTOP

STEP 1: Clean outside surface of pipe thoroughly and roughen with wire brush or sandpaper. Apply Xypex Concentrate Slurry coat to pipe surface at the rate of 2.0 lb./sq.yd. (1.0 kg/m²).

STEP 2: On water side modify the forms around the pipe to create a linear groove in the finished concrete surface. The linear groove is to be 1" (25 mm) high by 1½" (37 mm) deep and is to fully encircle the pipe.

STEP 3: Pour Xypex Admix treated concrete and cure in accordance with ACI, EN or other applicable international standard. Strip forms including formwork for linear groove.

STEP 4: Clean linear groove thoroughly. Apply Xypex Concentrate slurry to the linear groove at the rate of 1.5 lb./sq.yd. (0.8 kg/m²). Fill linear groove with Xypex Concentrate Dry-Pac and pack tightly to create the Xypex "sealing strip".

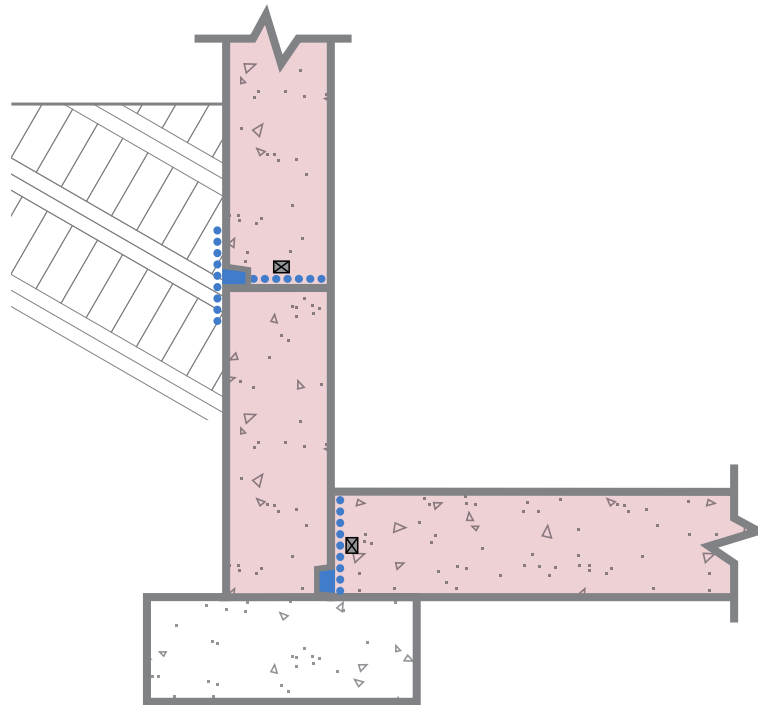
STEP 5: Apply slurry of Xypex Concentrate at 1.5 lb./sq.yd. (0.8 kg/m²) over sealing strip and extending to 6" (150 mm) from pipe. Cure for 48 - 72 hours in accordance with normal Xypex coatings curing procedures.

Note 1: Schematic diagram shows Xypex application and waterstops. Inclusion, type and position of waterstops and expansion joints are at the discretion of the designer. Expanding waterstops may be placed on the slurry coat after it has dried or before application. Slurry coat may only be applied over waterstop if approved by waterstop manufacturer.

Note 2: Schematic drawing shows Xypex Admix application. Specifier may consider the alternative use of Xypex dry shake (DS-Series) or Xypex coatings, where applicable. Refer to Xypex Standard Specifications for more information.



CONCRETE WALL & SLAB – BELOW GRADE – SLAB INTO WALL



..... CONCENTRATE SLURRY COAT

■ CONCENTRATE DRY-PAC

■ ADMIX

⊠ WATERSTOP

STEP 1: Where the slab will contact the wall modify the forms to create a linear groove in the finished concrete surface of the wall. The linear groove is to be aligned with the bottom of the slab and is to be 1½" (37 mm) high by 1" (25 mm) deep.

STEP 2: Pour Xypex Admix treated concrete and cure in accordance with ACI, EN or other applicable international standard. Strip forms including formwork for linear groove.

STEP 3: Clean joint including linear groove thoroughly. Apply Xypex Concentrate slurry to the linear groove at the rate of 1.5 lb./sq.yd. (0.8 kg/m²). Fill linear groove with Xypex Concentrate Dry-Pac and pack tightly to create the Xypex "sealing strip".

STEP 4: Clean joint thoroughly. Apply slurry of Xypex Concentrate at 2.0 lb./ sq.yd. (1.0 kg/m²) over sealing strip and extending to the full area of contact with the slab.

STEP 5: Pour slab as per Step 2.

STEP 6: Clean wall joint thoroughly. Apply Xypex Concentrate slurry to joint surface at the rate of 2.0 lb./sq.yd. (1.0 kg/m²).

STEP 7: On the side of the concrete element that will have direct water contact modify the forms to create a linear groove in the finished concrete surface. The linear groove is to be aligned with and included at all construction joints and to be 1" (25 mm) high by 1½" (37 mm) deep.

STEP 8: Pour wall as per Step 2. Strip forms including formwork for linear groove.

STEP 9: Clean linear groove thoroughly. Apply Xypex Concentrate slurry to linear groove at the rate of 1.5 lb./sq.yd. (0.8 kg/m²). Fill linear groove with Xypex Concentrate Dry-Pac and pack tightly to create the Xypex "sealing strip".

STEP 10: Apply slurry of Xypex Concentrate at 1.5 lb./sq.yd. (0.8 kg/m²) over sealing strip and extending to 6" (150 mm) on either side. Cure for 48 - 72 hours in accordance with normal Xypex coatings curing procedures.

Note 1: Schematic diagram shows Xypex application and waterstops. Inclusion, type and position of waterstops and expansion joints are at the discretion of the designer. Expanding waterstops may be placed on the slurry coat after it has dried or before application. Slurry coat may only be applied over waterstop if approved by waterstop manufacturer.

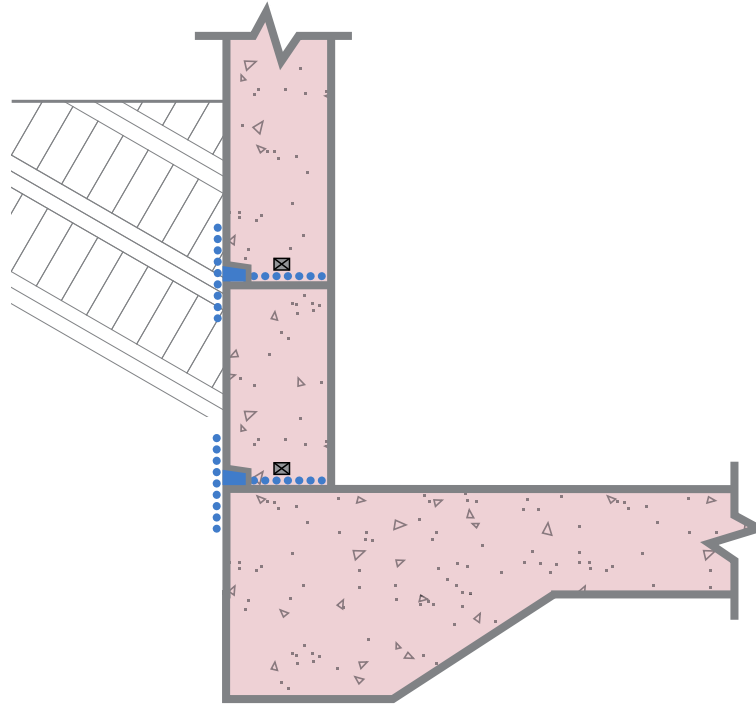
Note 2: Keyways may be incorporated into the joint design at the discretion of the designer.

Note 3: Xypex Admix may be considered for footings to protect the concrete and thus extend the service life of the structure.

Note 4: Schematic drawing shows Xypex Admix application. Specifier may consider the alternative use of Xypex dry shake (DS-Series) or Xypex coatings, where applicable. Refer to Xypex Standard Specifications for more information.



CONCRETE WALL & SLAB – BELOW GRADE – WALL ONTO SLAB



..... CONCENTRATE SLURRY COAT

■ CONCENTRATE DRY-PAC

■ ADMIX

⊗ WATERSTOP

STEP 1: Between pours, apply Xypex Concentrate slurry to joint surface at the rate of 2.0 lb./sq.yd. (1.0 kg/m²).

STEP 2: On the side of the concrete element that will have direct water contact modify the forms to create a linear groove in the finished concrete surface. The linear groove is to be aligned with and included at all construction joints. The linear groove is to be 1" (25 mm) high by 1½" (37 mm) deep.

STEP 3: Pour Xypex Admix treated concrete and cure in accordance with ACI, EN or other accepted quality concreting authority. Strip forms including formwork for linear groove.

STEP 4: Clean joint including linear groove thoroughly. Apply Xypex Concentrate slurry to the linear groove at the rate of 1.5 lb./sq.yd. (0.8 kg/m²). Fill linear groove with Xypex Concentrate Dry-Pac and pack tightly to create the Xypex "sealing strip".

STEP 5: Apply slurry of Xypex Concentrate at 1.5 lb./sq.yd. (0.8 kg/m²) over sealing strip and extending to 6" (150 mm) on either side. Cure for 48 - 72 hours in accordance with normal Xypex coatings curing procedures.

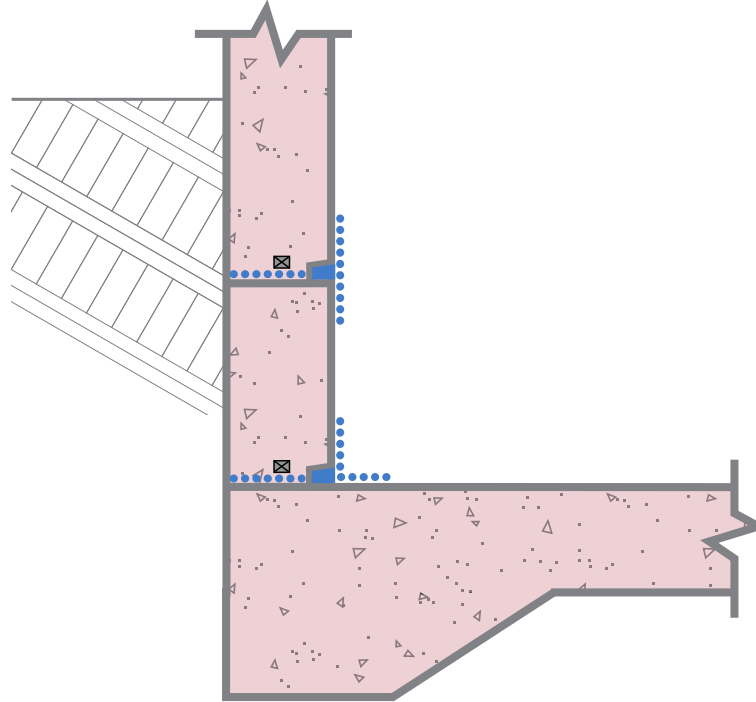
Note 1: Schematic diagram shows Xypex application and waterstops. Inclusion, type and position of waterstops and expansion joints are at the discretion of the designer. Expanding waterstops may be placed on Xypex after it has dried or before Xypex slurry application. Xypex slurry may only be applied over waterstop if approved by waterstop manufacturer.

Note 2: Keyways may be incorporated into the joint design at the discretion of the designer.

Note 3: Schematic drawing shows Xypex Admix application. Specifier may consider the alternative use of Xypex dry shake (DS-Series) or Xypex coatings, where applicable. Refer to Xypex Standard Specifications for more information.



CONCRETE WALL & SLAB – BELOW GRADE – WALL ONTO SLAB – BLIND SIDE FORMING OR INTERIOR SEAL STRIP



.... CONCENTRATE SLURRY COAT

■ CONCENTRATE DRY-PAC

■ ADMIX

⊗ WATERSTOP

STEP 1: Between pours, apply Xypex Concentrate slurry to joint surface at the rate of 2.0 lb./sq.yd. (1.0 kg/m²).

STEP 2: On the interior surface of the concrete element modify the forms to create a linear groove in the finished concrete surface. The linear groove is to be aligned with and included at all construction joints. The linear groove is to be 1" (25 mm) high by 1½" (37 mm) deep.

STEP 3: Pour Xypex Admix treated concrete and cure in accordance with ACI, EN or other accepted quality concreting authority. Strip forms including formwork for linear groove.

STEP 4: Clean joint including linear groove thoroughly. Apply Xypex Concentrate slurry to the linear groove at the rate of 1.5 lb./sq.yd. (0.8 kg/m²). Fill linear groove with Xypex Concentrate Dry-Pac and pack tightly to create the Xypex "sealing strip".

STEP 5: Apply slurry of Xypex Concentrate at 1.5 lb./sq.yd. (0.8 kg/m²) over sealing strip and extending to 6" (150 mm) on either side. Cure for 48 - 72 hours in accordance with normal Xypex coatings curing procedures.

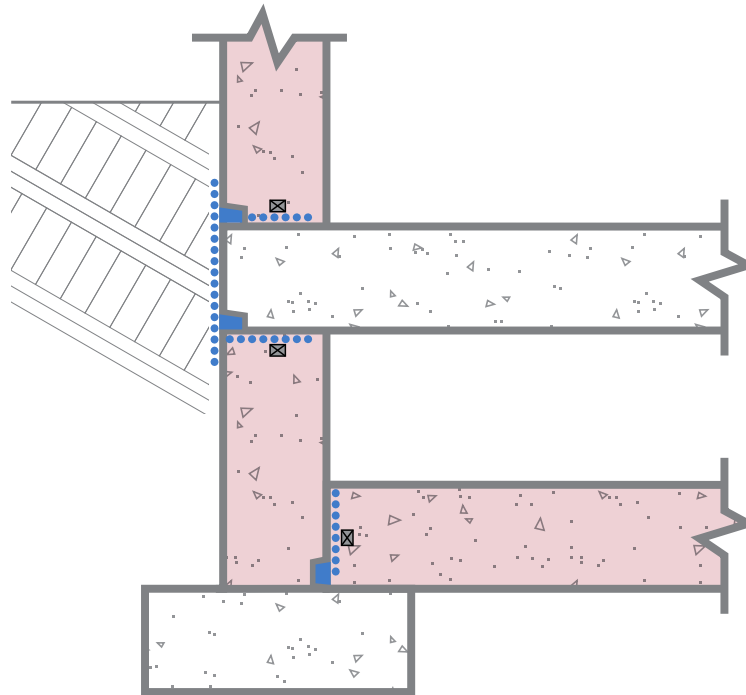
Note 1: Schematic diagram shows Xypex application and waterstops. Inclusion, type and position of waterstops and expansion joints are at the discretion of the designer. Expanding waterstops may be placed on Xypex after it has dried or before Xypex slurry application. Xypex slurry may only be applied over waterstop if approved by waterstop manufacturer.

Note 2: Keyways may be incorporated into the joint design at the discretion of the designer.

Note 3: Schematic drawing shows Xypex Admix application. Specifier may consider the alternative use of Xypex dry shake (DS-Series) or Xypex coatings, where applicable. Refer to Xypex Standard Specifications for more information.



MULTI-LEVEL CONCRETE WALL & SLAB – BELOW GRADE – SLAB INTO WALL



..... CONCENTRATE SLURRY COAT

■ CONCENTRATE DRY-PAC

■ ADMIX

⊗ WATERSTOP

STEP 1: Where the slab will contact the wall modify the forms to create a linear groove in the finished concrete surface of the wall. The linear groove is to be aligned with the bottom of the slab and is to be 1½" (37 mm) high by 1" (25 mm) deep.

STEP 2: Pour Xypex Admix treated concrete and cure in accordance with ACI, EN or other applicable international standard. Strip forms including formwork for linear groove.

STEP 3: Clean joint including linear groove thoroughly. Apply Xypex Concentrate slurry to the linear groove at the rate of 1.5 lb./sq.yd. (0.8 kg/m²). Fill linear groove with Xypex Concentrate Dry-Pac and pack tightly to create the Xypex "sealing strip".

STEP 4: Apply slurry of Xypex Concentrate at 2.0 lb./sq.yd. (1.0 kg/m²) over sealing strip and extending to the full area of contact with the slab.

STEP 5: Pour bottom slab as per Step 2.

STEP 6: Modify the forms to create a linear groove in the exterior finished concrete surface at the suspended slab to wall joint. The linear groove is to be 1" (25 mm) high by 1½" (37 mm) deep.

STEP 7: Clean wall joint thoroughly. Apply Xypex Concentrate slurry to joint surface at the rate of 2.0 lb./sq.yd. (1.0 kg/m²).

STEP 8: Pour suspended slab as per Step 2 and strip forms including formwork for linear groove.

STEP 9: Clean joint including linear groove thoroughly. Apply Xypex Concentrate slurry to the linear groove at the rate of 1.5 lb./sq.yd. (0.8 kg/m²). Fill linear groove with Xypex Concentrate Dry-Pac and pack tightly to create the Xypex "sealing strip".

STEP 10: Apply slurry of Xypex Concentrate at 1.5 lb./sq.yd. (0.8 kg/m²) over the exterior vertical surface of the suspended slab and the sealing strips and extending to 6" (150 mm) on either side. Cure for 48 - 72 hours in accordance with normal Xypex coatings curing procedures.

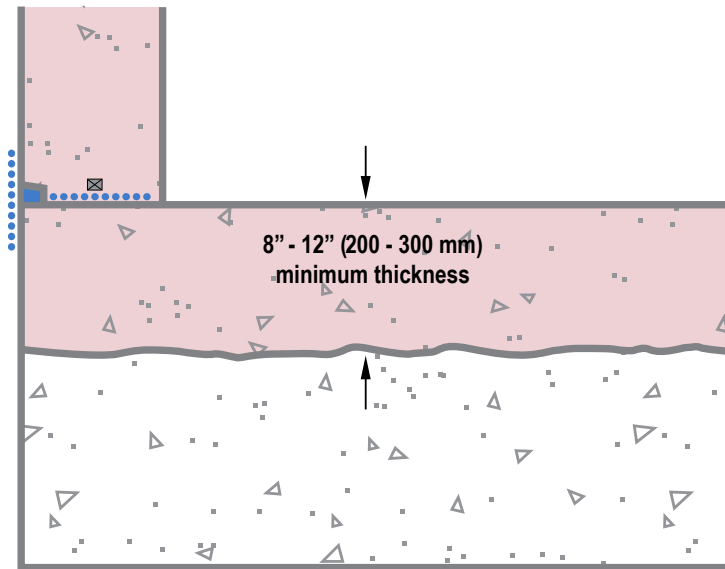
Note 1: Schematic diagram shows Xypex application and waterstops. Inclusion, type and position of waterstops and expansion joints are at the discretion of the designer. Expanding waterstops may be placed on the slurry coat after it has dried or before application. Slurry coat may only be applied over waterstop if approved by waterstop manufacturer.

Note 2: Keyways may be incorporated into the joint design at the discretion of the designer.

Note 3: Xypex Admix may be considered for footings to protect the concrete and thus extend the service life of the structure.

Note 4: Schematic drawing shows Xypex Admix application. Specifier may consider the alternative use of Xypex dry shake (DS-Series) or Xypex coatings, where applicable. Refer to Xypex Standard Specifications for more information.

SPLIT MAT SLAB – NON-AGGRESSIVE SOILS / WATERS



..... CONCENTRATE SLURRY COAT

■ CONCENTRATE DRY-PAC

■ ADMIX

⊠ WATERSTOP

STEP 1: Pour Xypex Admix treated concrete to a minimum depth of 8" (200 mm) to 12" (300 mm) as the final lift of the slab. Ensure that Xypex Admix treated concrete is poured prior to a cold joint forming and vibrate the layers together. Finish the slab and cure in accordance with ACI, EN or other applicable international standard.

STEP 2: Clean joint thoroughly. Apply Xypex Concentrate slurry to joint surface at the rate of 2.0 lb./sq.yd. (1.0 kg/m²).

STEP 3: Where the slab will contact the wall modify the wall forms to create a linear groove in the finished concrete surface. The linear groove is to be aligned with the top of the slab and is to be 1" (25 mm) high by 1½" (37 mm) deep.

STEP 4: Pour Xypex Admix treated concrete and cure in accordance with ACI, EN or other applicable international standard. Strip forms including formwork for linear groove.

STEP 5: Clean linear groove thoroughly. Apply Xypex Concentrate slurry to the linear groove at the rate of 1.5 lb./sq.yd. (0.8 kg/m²). Fill linear groove with Xypex Concentrate Dry-Pac and pack tightly to create the Xypex "sealing strip".

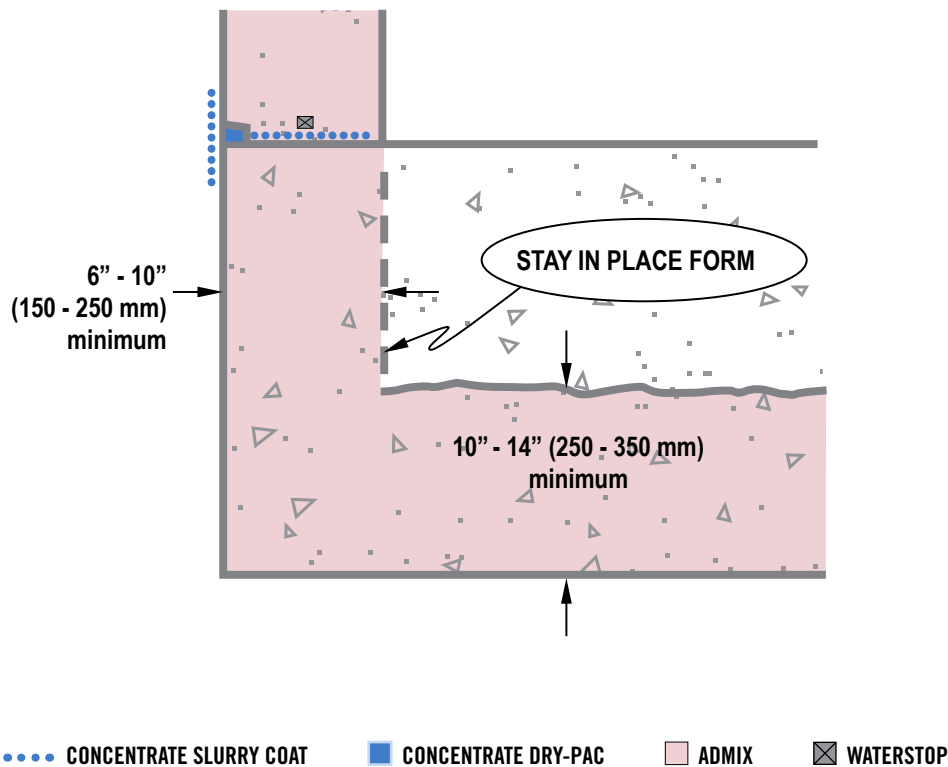
STEP 6: Apply slurry of Xypex Concentrate at 1.5 lb./sq.yd. (0.8 kg/m²) over sealing strip and extending to 6" (150 mm) on either side. Cure for 48 - 72 hours in accordance with normal Xypex coatings curing procedures.

Note 1: Schematic diagram shows Xypex installation and waterstops. Inclusion, type and position of waterstops and expansion joints are at the discretion of the designer. Expanding waterstops may be placed on the slurry coat after it has dried or before application. Slurry coat may only be applied over waterstop if approved by waterstop manufacturer.

Note 2: Keyways may be incorporated into the joint design at the discretion of the designer.

Note 3: Schematic drawing shows Xypex Admix application. Specifier may consider the alternative use of Xypex dry shake (DS-Series) or Xypex coatings, where applicable. Refer to Xypex Standard Specifications for more information.

SPLIT MAT SLAB – AGGRESSIVE SOILS / WATERS



STEP 1: Install stay in place forming assembly as shown to create a shell of Xypex Admix treated concrete around the entire outside area of the mat slab. The shell thickness is to be a minimum of 6" (150 mm) to 10" (250 mm).

STEP 2: Pour Xypex Admix treated concrete to a minimum depth of 10" (250 mm) to 14" (350 mm) into the bottom of the slab. Fill the shell as shown. Before the Xypex Admix treated concrete has reached initial set, pour the remainder of the concrete (not treated with Xypex Admix) completing the pour and cure in accordance with ACI, EN or other applicable international standard.

STEP 3: Clean joint thoroughly. Apply Xypex Concentrate slurry to joint surface at the rate of 2.0 lb./sq.yd. (1.0 kg/m²).

STEP 4: Where the slab will contact the wall modify the wall forms to create a linear groove in the finished concrete surface. The linear groove is to be aligned with the top of the slab and is to be 1" (25 mm) high by 1½" (37 mm) deep.

STEP 5: Pour Xypex Admix treated concrete and cure in accordance with ACI, EN or other applicable international standard. Strip forms including formwork for linear groove.

STEP 6: Clean linear groove thoroughly. Apply Xypex Concentrate slurry to the linear groove at the rate of 1.5

lb./sq.yd. (0.8 kg/m²). Fill linear groove with Xypex Concentrate Dry-Pac and pack tightly to create the Xypex "sealing strip".

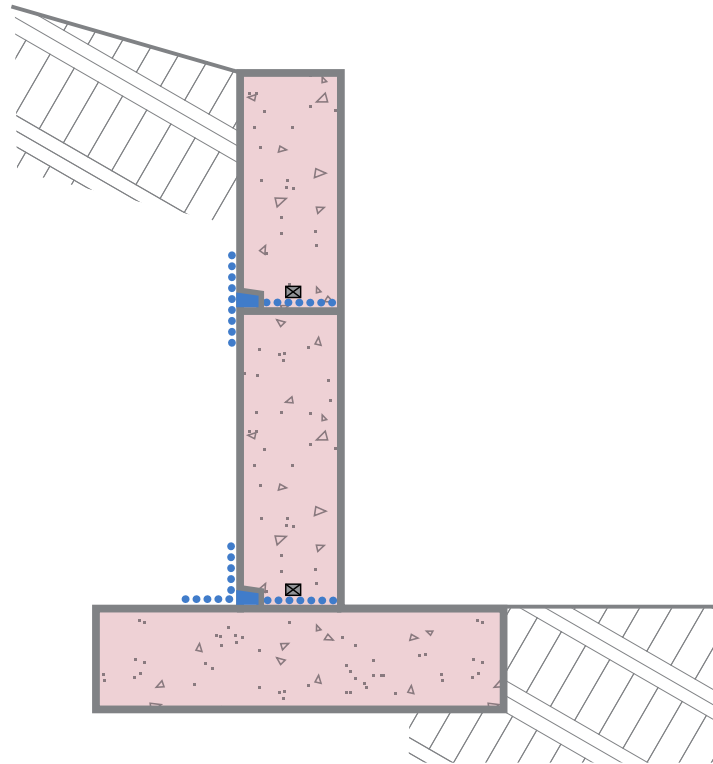
STEP 7: Apply slurry of Xypex Concentrate at 1.5 lb./sq.yd. (0.8 kg/m²) over sealing strip and extending to 6" (150 mm) on either side. Cure for 48 - 72 hours in accordance with normal Xypex coatings curing procedures.

Note 1: Schematic diagram shows Xypex installation and waterstops. Inclusion, type and position of waterstops and expansion joints are at the discretion of the designer. Expanding waterstops may be placed on the slurry coat after it has dried or before application. Slurry coat may only be applied over waterstop if approved by waterstop manufacturer.

Note 2: Keyways may be incorporated into the joint design at the discretion of the designer.

Note 3: Stayform may be eliminated and Xypex Admix treated concrete mounded in the outside perimeter of the slab to create a shell. A minimum thickness of 6" (150 mm) to 10" (250 mm) of Xypex Admix treated concrete must be maintained in the shell wall.

Note 4: Schematic drawing shows Xypex Admix application. Specifier may consider the alternative use of Xypex coatings, where applicable. Refer to Xypex Standard Specifications for more information.



..... CONCENTRATE SLURRY COAT

■ CONCENTRATE DRY-PAC

■ ADMIX

⊠ WATERSTOP

STEP 1: Clean joint thoroughly. Apply Xypex Concentrate slurry to joint surfaces at the rate of 2.0 lb./sq.yd (1.0 kg/m²).

STEP 2: On the side of the concrete element that will have direct water contact modify, the forms to create a linear groove in the finished concrete surface. The linear groove is to be aligned with and included at all construction joints and to be 1" (25 mm) high by 1½" (37 mm) deep.

STEP 3: Pour Xypex Admix treated concrete and cure in accordance with ACI, EN or other applicable international standard. Strip forms including formwork for linear groove.

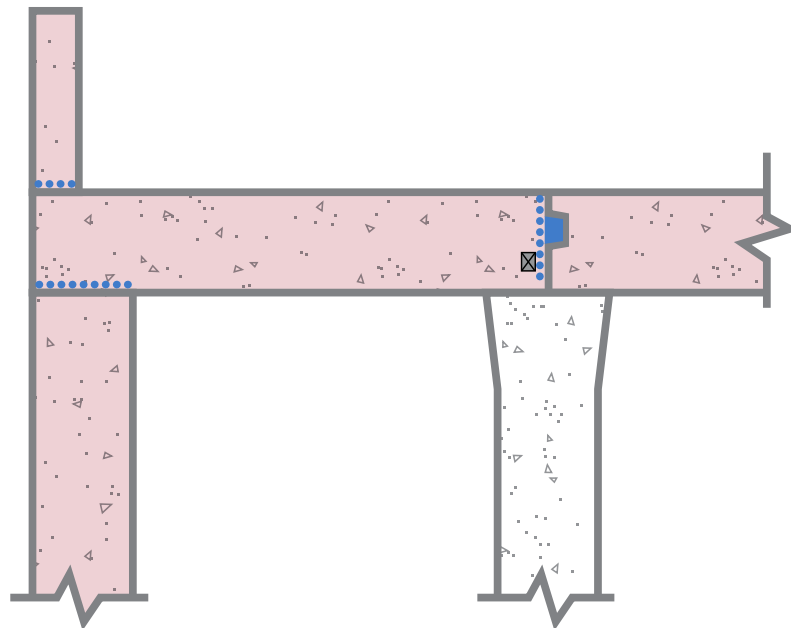
STEP 4: Clean linear groove thoroughly. Apply Xypex Concentrate slurry to the linear groove at the rate of 1.5 lb./sq.yd. (0.8 kg/m²). Fill linear groove with Xypex Concentrate Dry-Pac and pack tightly to create the Xypex "sealing strip".

STEP 5: Apply one coat of Xypex Concentrate slurry at the rate of 1.5 lb./sq.yd. over the sealing strip and extending to 6" (150 mm) on either side. Cure for 48 - 72 hours in accordance with normal Xypex coatings curing procedures.

Note 1: Schematic diagram shows Xypex application and waterstops. Inclusion, type and position of waterstops and expansion joints are at the discretion of the designer. Expanding waterstops may be placed on the slurry coat after it has dried or before application. Slurry coat may only be applied over waterstop if approved by waterstop manufacturer.

Note 2: Keyways may be incorporated into the joint design at the discretion of the designer.

Note 3: Schematic drawing shows Xypex Admix application. Specifier may consider the alternative use of Xypex dry shake (DS-Series) or Xypex coatings, where applicable. Refer to Xypex Standard Specifications for more information.



..... CONCENTRATE SLURRY COAT
 ■ CONCENTRATE DRY-PAC
 ■ ADMIX
 ■ WATERSTOP

STEP 1: Clean joint thoroughly. Apply Xypex Concentrate slurry to joint surfaces at the rate of 2.0 lb./sq.yd. (1.0 kg/m²).

STEP 2: On the bulkhead formwork modify the forms to create a linear groove in the finished concrete surface. The linear groove is to be included at all construction joints and to be 1½" (37 mm) high by 1" (25 mm) deep. Position the linear groove to be closer to the top side of the element.

STEP 3: Pour Xypex Admix treated concrete and cure in accordance with ACI, EN or other applicable international standard. Strip forms including formwork for linear groove.

STEP 4: Clean linear groove thoroughly. Apply Xypex Concentrate slurry to the linear groove at the rate of 1.5 lb./sq.yd. (0.8 kg/m²). Fill linear groove with Xypex Concentrate Dry-Pac and pack tightly to create the Xypex "sealing strip".

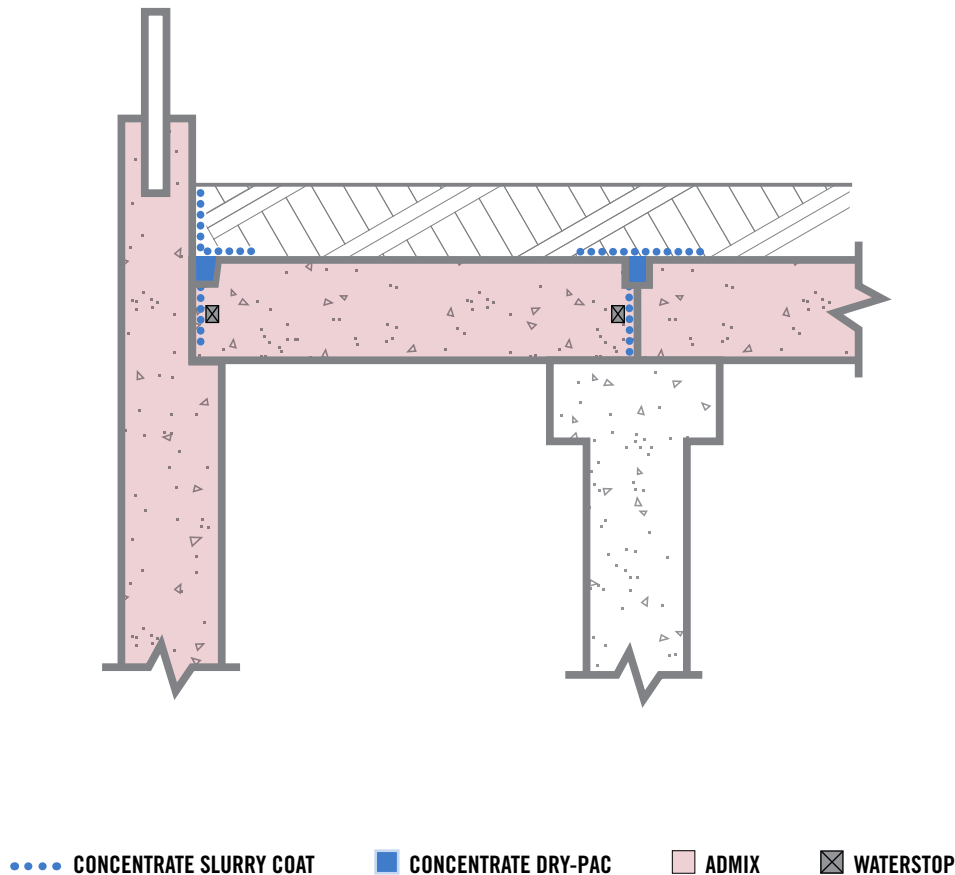
STEP 5: Apply slurry of Xypex Concentrate at 2.0 lb./sq.yd. (1.0 kg/m²) over sealing strip and extending to the full area of contact with the slab.

Note 1: Parking decks are normally subject to variable live loads that may create movement in cracks beyond the ability of Xypex to heal. Consult your local Xypex Technical Services Representative.

Note 2: Schematic diagram shows Xypex application and waterstops. Inclusion, type and position of waterstops and expansion joints are at the discretion of the designer. Expanding waterstops may be placed on the slurry coat after it has dried or before application. Slurry coat may only be applied over waterstop if approved by waterstop manufacturer.

Note 3: Keyways may be incorporated into the joint design at the discretion of the designer.

Note 4: Schematic drawing shows Xypex Admix application. Specifier may consider the alternative use of Xypex dry shake (DS-Series) or Xypex coatings, where applicable. Refer to Xypex Standard Specifications for more information.



STEP 1: Clean joint thoroughly. Apply Xypex Concentrate slurry to joint surface at the rate of 2.0 lb./sq.yd. (1.0 kg/m²).

STEP 2: Pour Xypex Admix treated concrete and cure in accordance with ACI, EN or other applicable international standard.

STEP 3: On top side of the concrete slab create a linear groove in the finished concrete surface. The linear groove is to be aligned with and included at all construction joints and is to be 1" (25 mm) wide by 1½" (37 mm) deep. The linear groove may be offset to either side of the joint.

STEP 4: Clean linear groove thoroughly. Apply Xypex Concentrate slurry to the linear groove at the rate of 1.5 lb./sq.yd. (0.8 kg/m²). Fill linear groove with Xypex Concentrate Dry-Pac and pack tightly to create the Xypex "sealing strip".

STEP 5: Apply Xypex Concentrate slurry at the rate of 1.5 lb./sq.yd. (0.8 kg/m²) over sealing strip and extending to 6" (150 mm) on either side. Cure for 48 - 72 hours in accordance with normal Xypex coatings curing procedures.

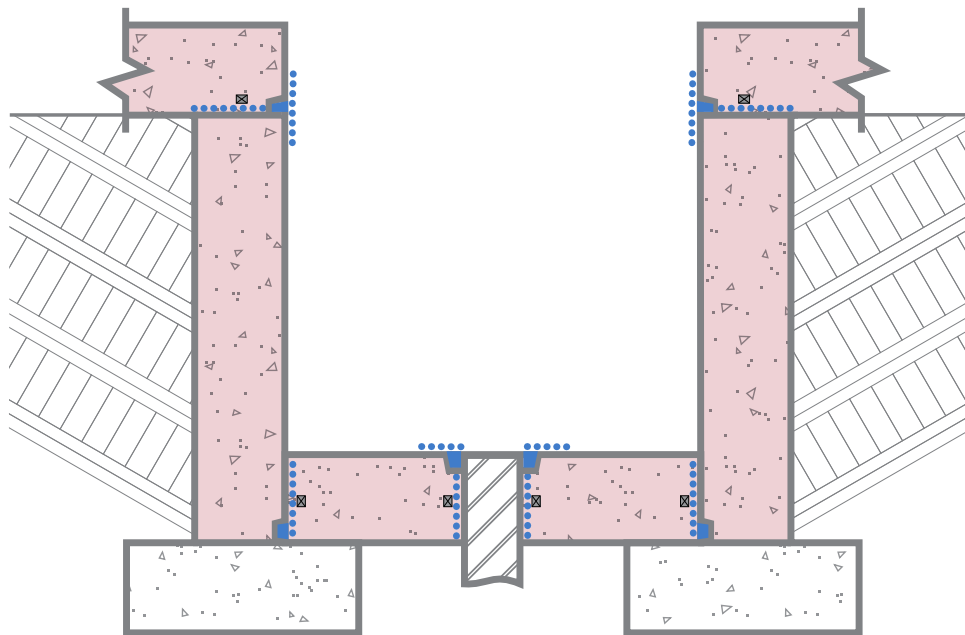
Note 1: Roof / plaza decks can be subject to variable live loads that may create movement in cracks beyond the ability of Xypex to heal. Consult your local Xypex Technical Services Representative.

Note 2: Schematic diagram shows Xypex application and waterstops. Inclusion, type and position of waterstops and expansion joints are at the discretion of the designer. Expanding waterstops may be placed on the slurry coat after it has dried or before application. Slurry coat may only be applied over waterstop if approved by waterstop manufacturer.

Note 3: Keyways may be incorporated into the joint design at the discretion of the designer.

Note 4: Schematic drawing shows Xypex Admix application. Specifier may consider the alternative use of Xypex dry shake (DS-Series) or Xypex coatings, where applicable. Refer to Xypex Standard Specifications for more information.

HYDRAULIC ELEVATOR PIT



..... CONCENTRATE SLURRY COAT

■ CONCENTRATE DRY-PAC

■ ADMIX

⊠ WATERSTOP

STEP 1: Where the slab will contact the wall modify the wall forms to create a linear groove in the finished concrete surface. The linear groove is to be aligned with the bottom of the slab and is to be 1½" (37 mm) high by 1" (25 mm) deep.

STEP 2: Pour Xypex Admix treated concrete and cure in accordance with ACI, EN or other applicable international standard. Strip forms including formwork for linear groove.

STEP 3: Clean linear groove thoroughly. Apply Xypex Concentrate slurry to the linear groove at the rate of 1.5 lb./sq.yd. (0.8 kg/m²). Fill linear groove with Xypex Concentrate Dry-Pac and pack tightly to create the Xypex "sealing strip".

STEP 4: Apply slurry of Xypex Concentrate at 2.0 lb./sq.yd. (1.0 kg/m²) over sealing strip and extending to the full area of contact with the slab.

STEP 5: Apply Xypex Concentrate slurry at a rate of 1.5 lb./sq.yd. (0.8 kg/m²) to the inground cylinder casing where the concrete slab will interface with the steel cylinder.

STEP 6: Pour bottom slab per Step 2. Tool around the inground cylinder to form a 1" (25 mm) wide by 1½" (37 mm) deep linear groove around the cylinder casing.

STEP 7: Clean joint thoroughly. Apply Xypex Concentrate slurry to joint surface at the rate of 2.0 lb./sq.yd. (1.0 kg/m²).

STEP 8: At the bottom of the upper slab to wall construction joint modify the forms to create a linear groove in the finished concrete surface. The linear groove is to be 1" (25 mm) high by 1½" (37 mm) deep.

STEP 9: Pour upper slab per Step 2 and strip forms.

STEP 10: Clean linear groove thoroughly. Apply Xypex Concentrate slurry to the linear groove at the rate of 1.5 lb./sq.yd. (0.8 kg/m²). Fill linear groove with Xypex Concentrate Dry-Pac and pack tightly to create the Xypex "sealing strip".

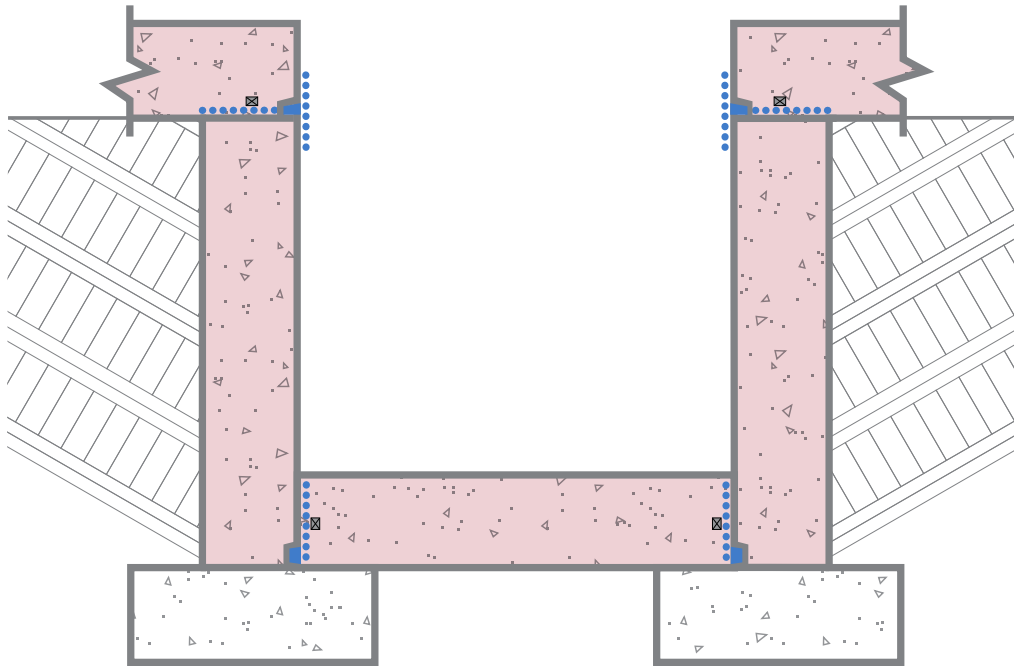
STEP 11: Apply Xypex Concentrate slurry at the rate of 1.5 lb./sq.yd. (0.8 kg/m²) over sealing strip and extending to 6" (150 mm) on either side. Cure for 48 - 72 hours in accordance with normal Xypex coatings curing procedures.

Note 1: Schematic diagram shows Xypex application and waterstops. Inclusion, type and position of waterstops and expansion joints are at the discretion of the designer. Expanding waterstops may be placed on the slurry coat after it has dried or before application. Slurry coat may only be applied over waterstop if approved by waterstop manufacturer.

Note 2: Keyways may be incorporated into the joint design at the discretion of the designer.

Note 3: Xypex Admix may be considered for footings to protect the concrete and thus extend the service life of the structure.

Note 4: Schematic drawing shows Xypex Admix application. Specifier may consider the alternative use of Xypex dry shake (DS-Series) or Xypex coatings, where applicable. Refer to Xypex Standard Specifications for more information.



..... CONCENTRATE SLURRY COAT

■ CONCENTRATE DRY-PAC

■ ADMIX

⊠ WATERSTOP

STEP 1: Where the bottom slab will contact the wall modify the wall forms to create a linear groove in the finished concrete surface. The linear groove is to be aligned with the bottom of the slab and is to be 1½" (37 mm) high by 1" (25 mm) deep.

STEP 2: Pour Xypex Admix treated concrete and cure in accordance with ACI, EN or other applicable international standard. Strip forms including formwork for linear groove.

STEP 3: Clean linear groove thoroughly. Apply Xypex Concentrate slurry to the linear groove at the rate of 1.5 lb./sq.yd. (0.8 kg/m²). Fill linear groove with Xypex Concentrate Dry-Pac and pack tightly to create the Xypex "sealing strip".

STEP 4: Apply slurry of Xypex Concentrate at 2.0 lb./sq.yd. (1.0 kg/m²) over sealing strip and extending to the full area of contact with the slab.

STEP 5: Pour bottom slab per Step 2.

STEP 6: At the bottom of the upper slab to wall construction joint modify the forms to create a linear groove in the finished concrete surface. The linear groove is to be 1" (25 mm) high by 1½" (37 mm) deep.

STEP 7: Pour upper slab per Step 2 and strip forms.

STEP 8: Clean linear groove thoroughly. Apply Xypex Concentrate slurry to the linear groove at the rate of 1.5 lb./sq.yd. (0.8 kg/m²). Fill linear groove with Xypex Concentrate Dry-Pac and pack tightly to create the Xypex "sealing strip".

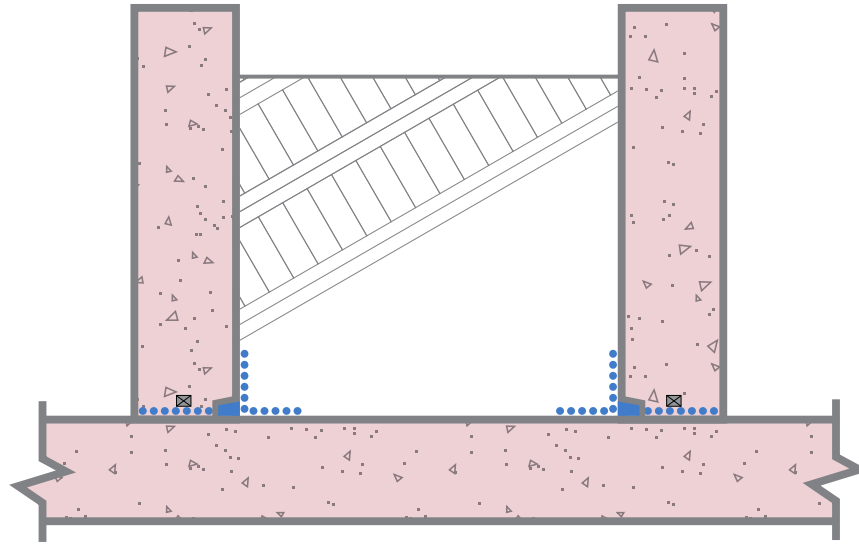
STEP 9: Apply Xypex Concentrate slurry at the rate of 1.5 lb./sq.yd. (0.8 kg/m²) over sealing strip and extending to 6" (150 mm) on either side. Cure for 48 - 72 hours in accordance with normal Xypex coatings curing procedures.

Note 1: Schematic diagram shows Xypex application and waterstops. Inclusion, type and position of waterstops and expansion joints are at the discretion of the designer. Expanding waterstops may be placed on the slurry coat after it has dried or before application. Slurry coat may only be applied over waterstop if approved by waterstop manufacturer.

Note 2: Keyways may be incorporated into the joint design at the discretion of the designer.

Note 3: Xypex Admix may be considered for footings to protect the concrete and thus extend the service life of the structure.

Note 4: Schematic drawing shows Xypex Admix application. Specifier may consider the alternative use of Xypex dry shake (DS-Series) or Xypex coatings, where applicable. Refer to Xypex Standard Specifications for more information.



..... CONCENTRATE SLURRY COAT

■ CONCENTRATE DRY-PAC

■ ADMIX

⊠ WATERSTOP

STEP 1: Clean joint thoroughly. Apply Xypex Concentrate slurry to joint surface at the rate of 2.0 lb./sq.yd. (1.0 kg/m²).

STEP 2: On the inside of the planter, modify the forms to create a linear groove in the finished concrete surface. The linear groove is to be aligned with and included at all construction joints and to be 1" (25 mm) high by 1½" (37 mm) deep.

STEP 3: Pour Xypex Admix treated concrete and cure in accordance with ACI, EN or other applicable international standard. Strip forms including formwork for linear groove.

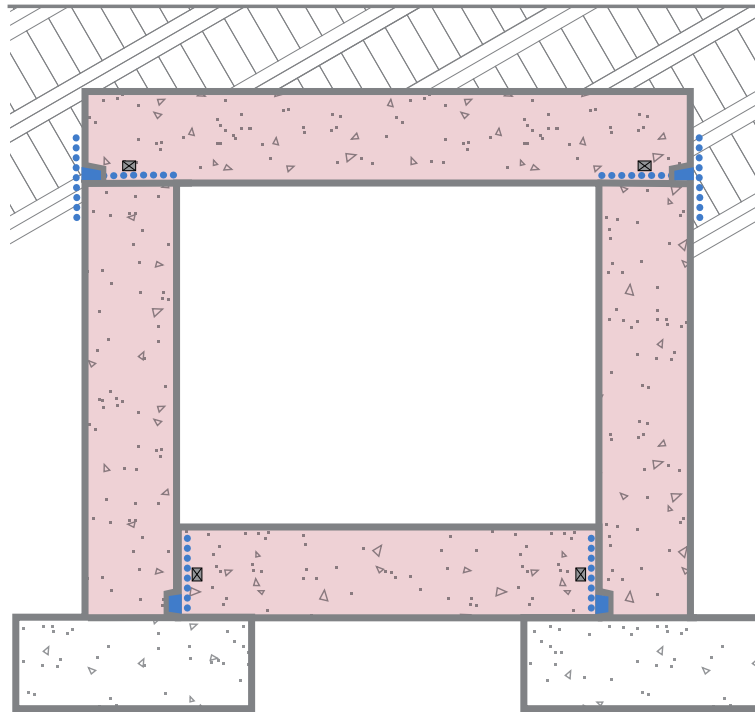
STEP 4: Clean linear groove thoroughly. Apply Xypex Concentrate slurry to the linear groove at the rate of 1.5 lb./sq.yd. (0.8 kg/m²). Fill linear groove with Xypex Concentrate Dry-Pac and pack tightly to create the Xypex "sealing strip".

STEP 5: Apply Xypex Concentrate slurry coat at 1.5 lb./sq.yd. (0.8 kg/m²) over sealing strip and extending to 6" (150 mm) on either side. Cure for 48 - 72 hours in accordance with normal Xypex coatings curing procedures.

Note 1: Schematic diagram shows Xypex application and waterstops. Inclusion, type and position of waterstops and expansion joints are at the discretion of the designer. Expanding waterstops may be placed on the slurry coat after it has dried or before application. Slurry coat may only be applied over waterstop if approved by waterstop manufacturer.

Note 2: Keyways may be incorporated into the joint design at the discretion of the designer.

Note 3: Schematic drawing shows Xypex Admix application. Specifier may consider the alternative use of Xypex dry shake (DS-Series) or Xypex coatings, where applicable. Refer to Xypex Standard Specifications for more information.



..... CONCENTRATE SLURRY COAT ■ CONCENTRATE DRY-PAC ■ ADMIX ⊠ WATERSTOP

STEP 1: Where the slab will contact the wall modify the wall forms to create a linear groove in the finished concrete surface. The linear groove is to be aligned with the bottom of the slab and is to be 1½" (37 mm) high by 1" (25 mm) deep.

STEP 2: Pour Xypex Admix treated concrete and cure in accordance with ACI, EN or other applicable international standard. Strip forms including formwork for linear groove.

STEP 3: Clean linear groove thoroughly. Apply Xypex Concentrate slurry to the linear groove at the rate of 1.5 lb./sq.yd. (0.8 kg/m²). Fill linear groove with Xypex Concentrate Dry-Pac and pack tightly to create the Xypex "sealing strip".

STEP 4: Apply slurry of Xypex Concentrate at 2.0 lb./sq.yd. (1.0 kg/m²) over sealing strip and extending to the full area of contact with the slab.

STEP 5: Pour bottom slab per Step 2.

STEP 6: Clean joint thoroughly. Apply Xypex Concentrate slurry to joint surface at the rate of 2.0 lb./sq.yd. (1.0 kg/m²).

STEP 7: At the bottom exterior surface of the upper slab to wall construction joint modify the forms to create a linear groove in the finished concrete surface. The linear groove is to be 1" (25 mm) high by 1½" (37 mm) deep.

STEP 8: Pour upper slab per Step 2 and strip forms. Clean linear groove thoroughly. Apply Xypex Concentrate slurry to the linear groove at the rate of 1.5 lb./sq.yd. (0.8 kg/m²). Fill linear groove with Xypex Concentrate Dry-Pac and pack tightly to create the Xypex "sealing strip".

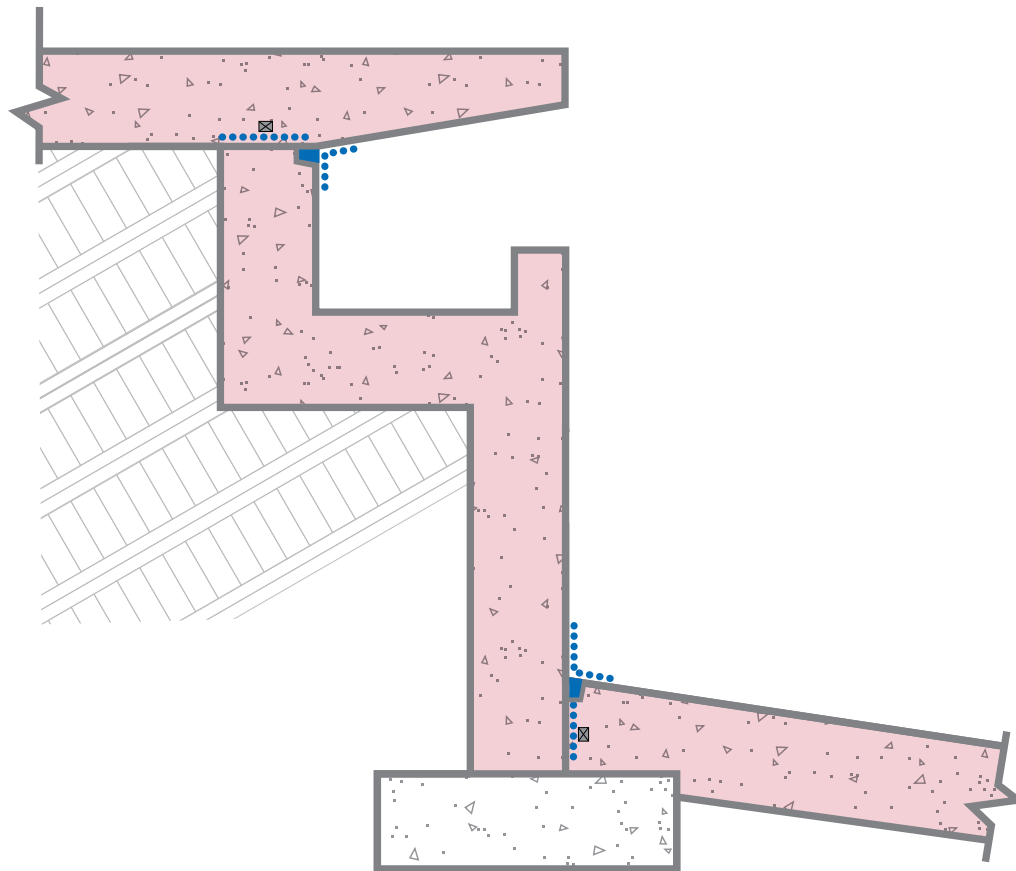
STEP 9: Apply slurry of Xypex Concentrate at 1.5 lb./sq.yd. (0.8 kg/m²) over sealing strip and extending to 6" (150 mm) on either side. Cure for 48 - 72 hours in accordance with normal Xypex coatings curing procedures.

Note 1: Schematic diagram shows Xypex application and waterstops. Inclusion, type and position of waterstops and expansion joints are at the discretion of the designer. Expanding waterstops may be placed on the slurry coat after it has dried or before application. Slurry coat may only be applied over waterstop if approved by waterstop manufacturer.

Note 2: Keyways may be incorporated into the joint design at the discretion of the designer.

Note 3: Xypex Admix may be considered for footings to protect the concrete and thus extend the service life of the structure.

Note 4: Schematic drawing shows Xypex Admix application. Specifier may consider the alternative use of Xypex dry shake (DS-Series) or Xypex coatings, where applicable. Refer to Xypex Standard Specifications for more information.



..... CONCENTRATE SLURRY COAT

■ CONCENTRATE DRY-PAC

■ ADMIX

⊗ WATERSTOP

STEP 1: Clean joint thoroughly. Between pours apply Xypex Concentrate slurry to joint surface at the rate of 2.0 lb./sq.yd. (1.0 kg/m²).

STEP 2: On the inside of the pool, where the slab will contact the wall, create a linear groove in the finished concrete surface of the slab. The linear groove is to be aligned with and included at all slab to wall construction joints. The linear groove is to be 1" (35 mm) wide by 1½" (37 mm) deep.

STEP 3: Pour Xypex Admix treated concrete and cure in accordance with ACI, EN or other accepted quality concreting authority. Strip forms including formwork for linear groove.

STEP 4: Clean linear groove thoroughly. Apply Xypex Concentrate slurry to the linear groove at the rate of 1.5 lb./sq.yd. (0.8 kg/m²). Fill linear groove with Xypex Concentrate Dry-Pac and pack tightly to create the Xypex "sealing strip".

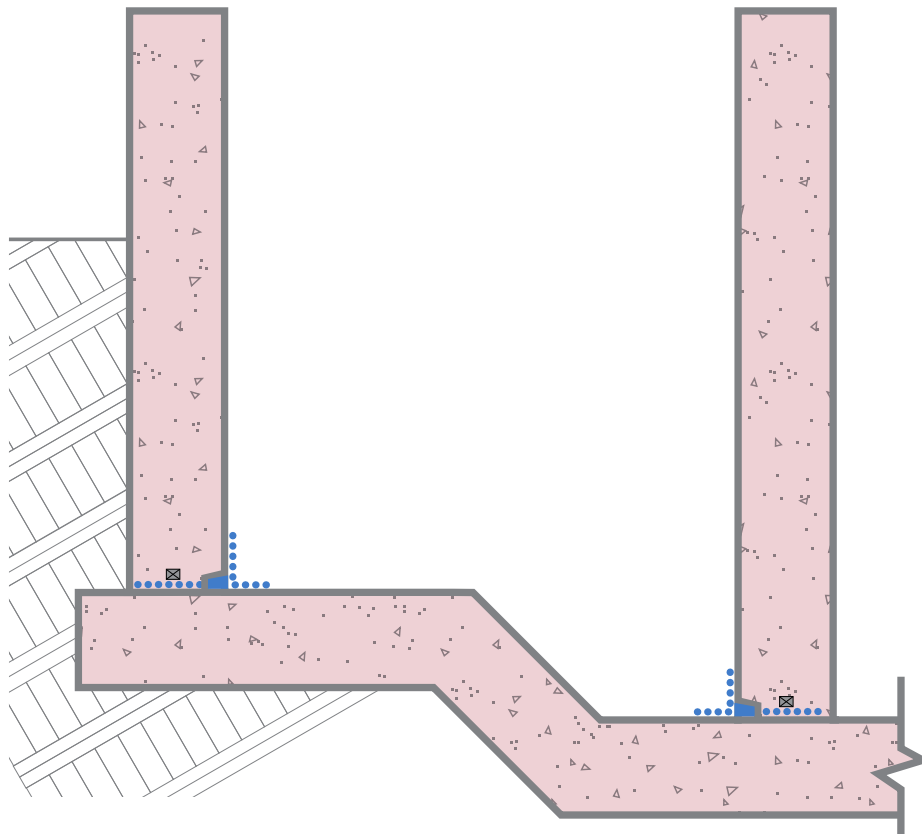
STEP 5: Apply slurry of Xypex Concentrate at 1.5 lb./sq.yd. (0.8 kg/m²) over sealing strip and extending to 6" (150 mm) on either side. Cure for 48 - 72 hours in accordance with normal Xypex Coatings curing procedures.

Note 1: Schematic diagram shows Xypex application and waterstops. Inclusion, type and position of waterstops are at the discretion of the designer. Expanding waterstops may be placed on Xypex after it has dried or before Xypex slurry application. Xypex slurry may only be applied over waterstop if approved by waterstop manufacturer.

Note 2: Keyways may be incorporated into the joint design at the discretion of the designer.

Note 3: Xypex Admix may be considered for footings to protect the concrete and thus extend the service life of the structure.

Note 4: Schematic drawing shows Xypex Admix application. Specifier may consider the alternative use of Xypex dry shake (DS-Series) or Xypex coatings, where applicable. Refer to Xypex Standard Specifications for more information.



..... CONCENTRATE SLURRY COAT ■ CONCENTRATE DRY-PAC ■ ADMIX ☒ WATERSTOP

STEP 1: Clean joint thoroughly. Apply Xypex Concentrate slurry to joint surface at the rate of 2.0 lb./sq.yd. (1.0 kg/m²).

STEP 2: On the inside of the tank, modify the forms to create a linear groove in the finished concrete surface. The linear groove is to be aligned with and included at all construction joints and to be 1" (25 mm) high by 1½" (37 mm) deep.

STEP 3: Pour Xypex Admix treated concrete and cure in accordance with ACI, EN or other applicable international standard. Strip forms including formwork for linear groove.

STEP 4: Clean linear groove thoroughly. Apply Xypex Concentrate slurry to the linear groove at the rate of 1.5 lb./sq.yd. (0.8 kg/m²). Fill linear groove with Xypex Concentrate Dry-Pac and pack tightly to create the Xypex "sealing strip".

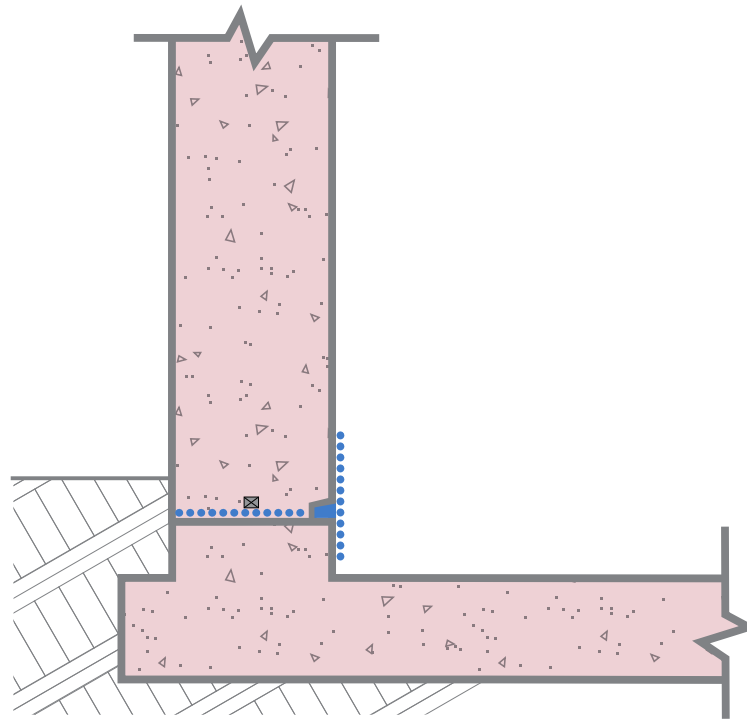
STEP 5: Apply slurry of Xypex Concentrate at 1.5 lb./sq.yd. (0.8 kg/m²) over sealing strip and extending to 6" (150 mm) on either side. Cure for 48 - 72 hours in accordance with normal Xypex coatings curing procedures.

Note 1: Schematic diagram shows Xypex application and waterstops. Inclusion, type and position of waterstops and expansion joints are at the discretion of the designer. Expanding waterstops may be placed on the slurry coat after it has dried or before application. Slurry coat may only be applied over waterstop if approved by waterstop manufacturer.

Note 2: Keyways may be incorporated into the joint design at the discretion of the designer.

Note 3: Schematic drawing shows Xypex Admix application. Specifier may consider the alternative use of Xypex dry shake (DS-Series) or Xypex coatings, where applicable. Refer to Xypex Standard Specifications for more information.

WALL WITH KICKER



..... CONCENTRATE SLURRY COAT

■ CONCENTRATE DRY-PAC

■ ADMIX

⊗ WATERSTOP

STEP 1: Clean joint thoroughly. Apply Xypex Concentrate slurry to joint surface at the rate of 2.0 lb./sq.yd. (1.0 kg/m²).

STEP 2: On the inside of the tank, modify the forms to create a linear groove in the finished concrete surface. The linear groove is to be aligned with and included at all construction joints and to be 1" (25 mm) high by 1½" (37 mm) deep.

STEP 3: Pour Xypex Admix treated concrete and cure in accordance with ACI, EN or other applicable international standard. Strip forms including formwork for linear groove.

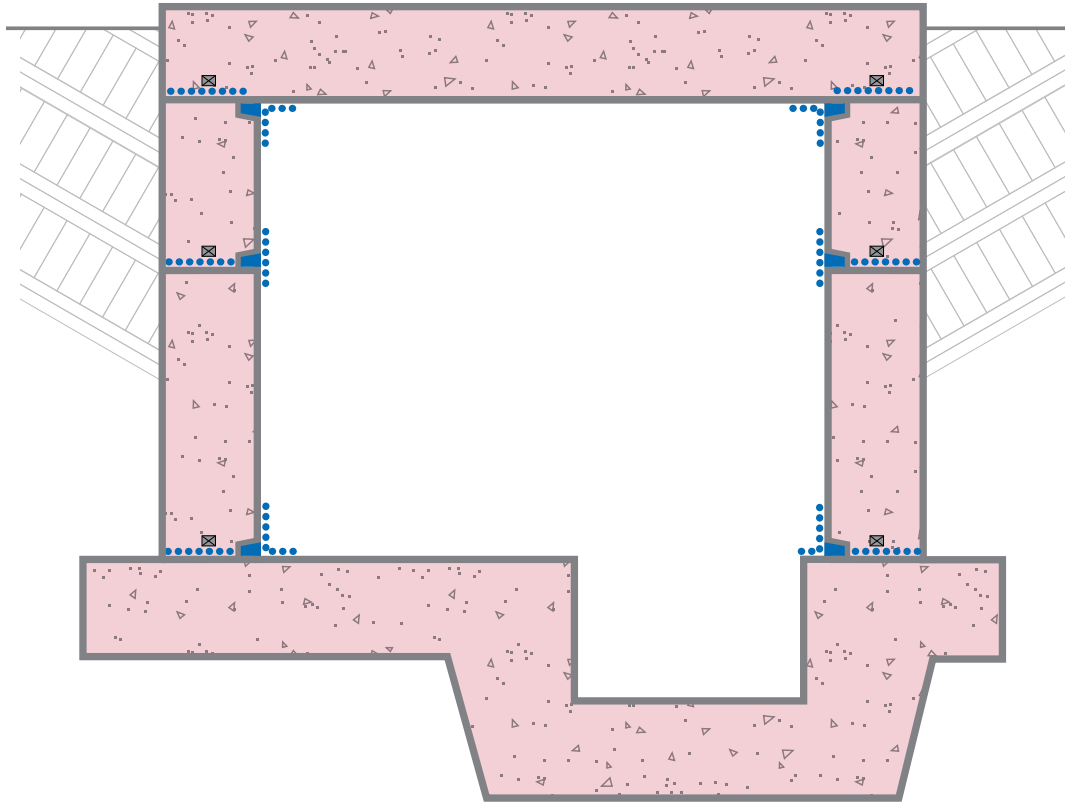
STEP 4: Clean linear groove thoroughly. Apply Xypex Concentrate slurry to the linear groove at the rate of 1.5 lb./sq.yd. (0.8 kg/m²). Fill linear groove with Xypex Concentrate Dry-Pac and pack tightly to create the Xypex "sealing strip".

STEP 5: Apply slurry of Xypex Concentrate at 1.5 lb./sq.yd. (0.8 kg/m²) over sealing strip and extending to 6" (150 mm) on either side. Cure for 48 - 72 hours in accordance with normal Xypex coatings curing procedures.

Note 1: Schematic diagram shows Xypex application and waterstops. Inclusion, type and position of waterstops and expansion joints are at the discretion of the designer. Expanding waterstops may be placed on slurry coat after it has dried or before slurry coat application. Slurry coat may only be applied over waterstop if approved by waterstop manufacturer.

Note 2: Keyways may be incorporated into the joint design at the discretion of the designer.

Note 3: Schematic drawing shows Xypex Admix application. Specifier may consider the alternative use of Xypex dry shake (DS-Series) or Xypex coatings, where applicable. Refer to Xypex Standard Specifications for more information.



..... CONCENTRATE SLURRY COAT

■ CONCENTRATE DRY-PAC

■ ADMIX

⊗ WATERSTOP

STEP 1: Clean joint thoroughly. Between pours apply Xypex Concentrate slurry to joint surface at the rate of 2.0 lb./sq.yd. (1.0 kg/m²).

STEP 2: On the inside of the tank, modify the forms to create a linear groove in the finished concrete surface. The linear groove is to be aligned with and included at all construction joints. The linear groove is to be 1" (25 mm) high by 1½" (37 mm) deep.

STEP 3: Pour Xypex Admix treated concrete and cure in accordance with ACI, EN or other accepted quality concreting authority. Strip forms including formwork for linear groove.

STEP 4: Clean linear groove thoroughly. Apply Xypex Concentrate slurry to the linear groove at the rate of 1.5 lb./sq.yd. (0.8 kg/m²). Fill linear groove with Xypex Concentrate Dry-Pac and pack tightly to create the Xypex "sealing strip".

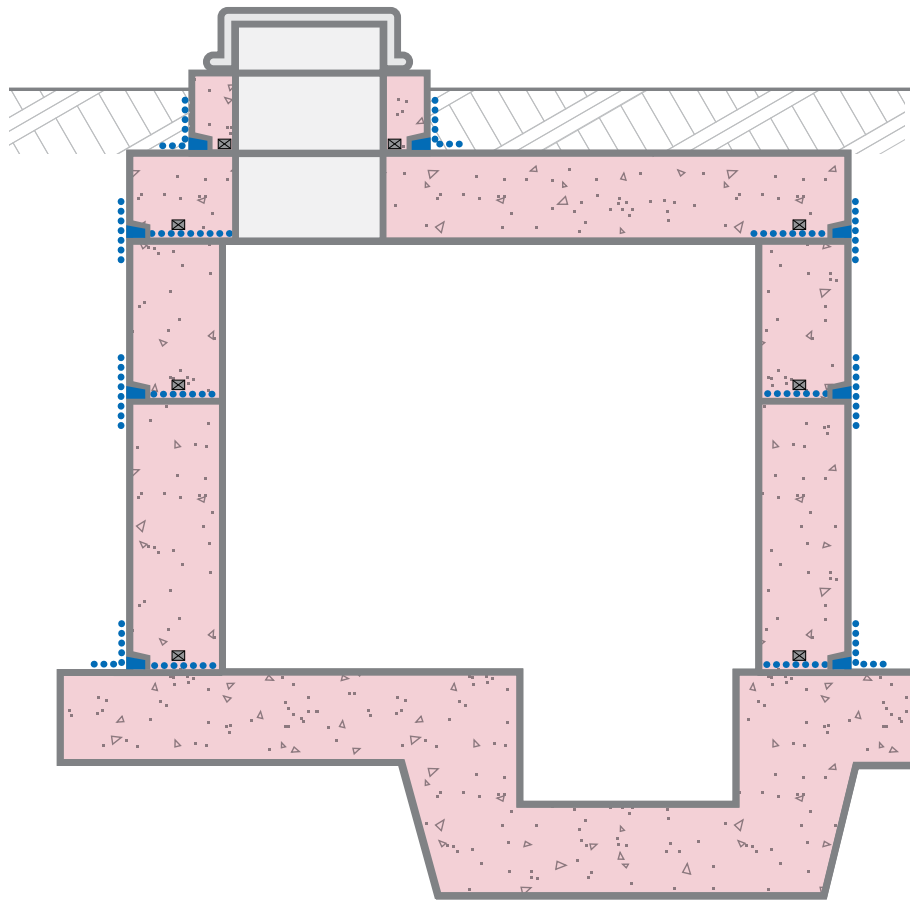
STEP 5: Apply slurry of Xypex Concentrate at 1.5 lb./sq.yd. (0.8 kg/m²) over sealing strip and extending to 6" (150 mm) on either side. Cure for 48 - 72 hours in accordance with normal Xypex Coatings curing procedures.

Note 1: Schematic diagram shows Xypex application and waterstops. Inclusion, type and position of waterstops are at the discretion of the designer. Expanding waterstops may be placed on Xypex after it has dried or before Xypex slurry application. Xypex slurry may only be applied over waterstop if approved by waterstop manufacturer.

Note 2: Keyways may be incorporated into the joint design at the discretion of the designer.

Note 3: Schematic drawing shows Xypex Admix application. Specifier may consider the alternative use of Xypex dry shake (DS-Series) or Xypex coatings, where applicable. Refer to Xypex Standard Specifications for more information.

UNDERGROUND VAULT / DRY WELL



..... CONCENTRATE SLURRY COAT

■ CONCENTRATE DRY-PAC

■ ADMIX

⊠ WATERSTOP

STEP 1: Clean joint thoroughly. Between pours apply Xypex Concentrate slurry to joint surface at the rate of 2.0 lb./sq.yd. (1.0 kg/m²).

STEP 2: On the outside of vault/dry well, modify the forms to create a linear groove in the finished concrete surface. The linear groove is to be aligned with and included at all construction joints. The linear groove is to be 1" (25 mm) high by 1½" (37 mm) deep.

STEP 3: Pour Xypex Admix treated concrete and cure in accordance with ACI, EN or other accepted quality concreting authority. Strip forms including formwork for linear groove.

STEP 4: Clean linear groove thoroughly. Apply Xypex Concentrate slurry to the linear groove at the rate of 1.5 lb./sq.yd. (0.8 kg/m²). Fill linear groove with Xypex Concentrate Dry-Pac and pack tightly to create the Xypex "sealing strip".

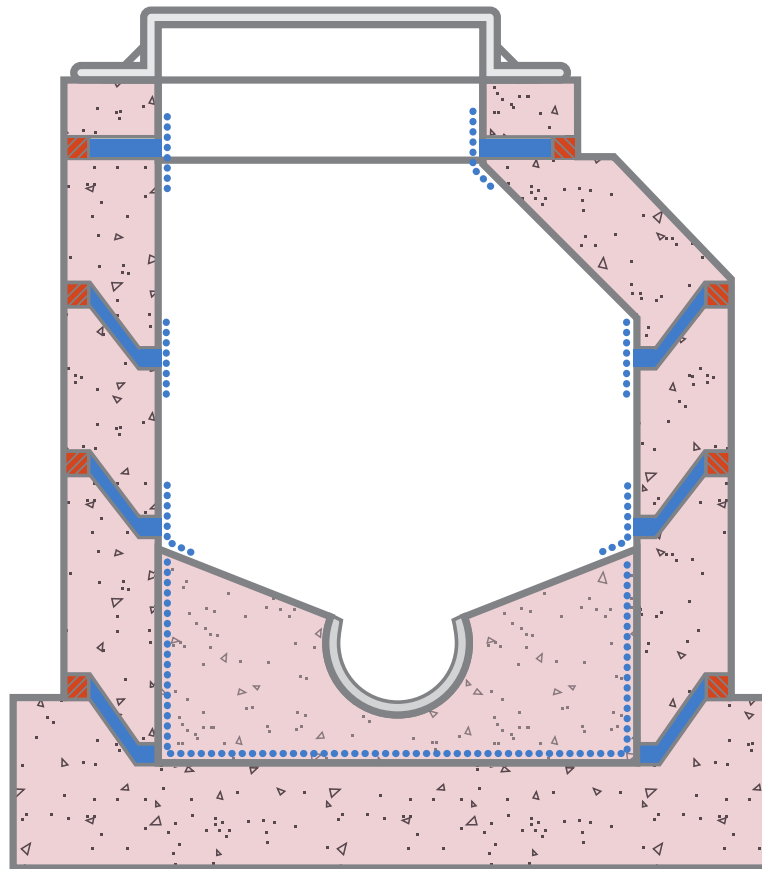
STEP 5: Apply slurry of Xypex Concentrate at 1.5 lb./sq.yd. (0.8 kg/m²) over sealing strip and extending to 6" (150 mm) on either side. Cure for 48 - 72 hours in accordance with normal Xypex coatings curing procedures.

Note 1: Schematic diagram shows Xypex application and waterstops. Inclusion, type and position of waterstops are at the discretion of the designer. Expanding waterstops may be placed on Xypex after it has dried or before Xypex slurry application. Xypex slurry may only be applied over waterstop if approved by waterstop manufacturer.

Note 2: Keyways may be incorporated into the joint design at the discretion of the designer.

Note 3: Schematic drawing shows Xypex Admix application. Specifier may consider the alternative use of Xypex dry shake (DS-Series) or Xypex coatings, where applicable. Refer to Xypex Standard Specifications for more information.

PRECAST CONCRETE MANHOLE



..... CONCENTRATE SLURRY COAT

■ CONCENTRATE DRY-PAC

■ ADMIX

■ PATCH'N PLUG

Steps 1 and 2 are used when waterproof gasketting or other assemblies are not included.

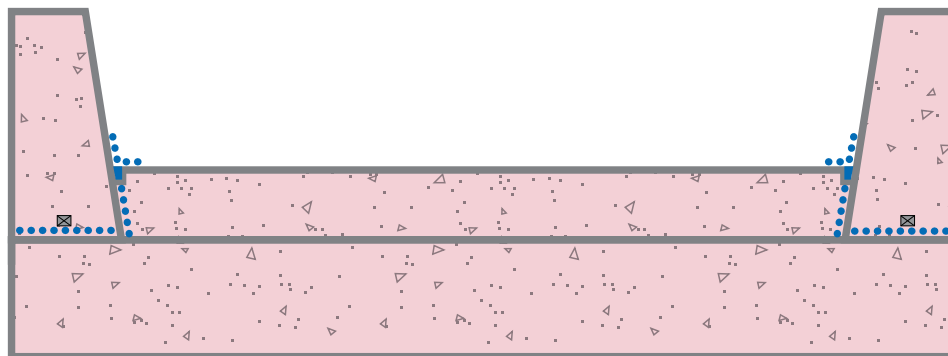
STEP 1: Place blocks in joints to allow 0.5" - 0.75" (13 - 19 mm) gap between precast sections. Fill exterior gap with Xypex Patch'n Plug or Xypex Megamix II to a depth of 2" - 3" (50 - 75 mm).

STEP 2: In the interior of the manhole, apply slurry of Xypex Concentrate to the interior gap at the rate of 1.5 lb./sq.yd. (0.8 kg/m²) then fill gap to the surface with Xypex Concentrate in Dry-Pac. Apply slurry of Xypex Concentrate at 1.5 lb./sq.yd. (0.8 kg/m²) over Dry-Pac and extending to 6" (150 mm) on either side.

STEP 3: Apply slurry coat of Xypex Concentrate to interior of bottom ring and floor where the invert interfaces at a rate of 1.5 lb./sq.yd. (0.8 kg/m²).

STEP 4: Place concrete invert using Xypex Admix treated concrete and cure in accordance with ACI, EN or other applicable international standard.

Note: Schematic drawing shows Xypex Admix application. Specifier may consider the alternative use of Xypex dry shake (DS-Series) or Xypex coatings, where applicable. Refer to Xypex Standard Specifications for more information.



..... CONCENTRATE SLURRY COAT

■ CONCENTRATE DRY-PAC

■ ADMIX

⊠ WATERSTOP

STEP 1: Clean joint thoroughly. Between pours apply Xypex Concentrate slurry to joint surface at the rate of 2.0 lb./sq.yd. (1.0 kg/m²).

STEP 2: Where the bridge deck topping slab will contact the bridge parapet, create a linear groove in the finished concrete surface of the slab. The linear groove is to be aligned with and included at all slab to parapet construction joints. The linear groove is to be 1" (25 mm) wide by 1½" (37 mm) deep.

STEP 3: Pour Xypex Admix treated concrete and cure in accordance with ACI, EN or other accepted quality concreting authority. Strip forms including formwork for linear groove.

STEP 4: Clean linear groove thoroughly. Apply Xypex Concentrate slurry to the linear groove at the rate of 1.5 lb./sq.yd. (0.8 kg/m²). Fill linear groove with Xypex Concentrate Dry-Pac and pack tightly to create the Xypex "sealing strip".

STEP 5: Apply slurry of Xypex Concentrate at 1.5 lb./sq.yd. (0.8 kg/m²) over sealing strip and extending to 6" (150 mm) on either side. Cure for 48 - 72 hours in accordance with normal Xypex coatings curing procedures.

Note 1: Bridge decks are normally subject to variable live loads that may create movement in cracks beyond the ability of Xypex to heal. Consult your local Xypex Technical Services Representative.

Note 2: Schematic diagram shows Xypex application and waterstops. Inclusion, type and position of waterstops are at the discretion of the designer. Expanding waterstops may be placed on Xypex after it has dried or before Xypex slurry application. Xypex slurry may only be applied over waterstop if approved by waterstop manufacturer.

Note 3: Keyways may be incorporated into the joint design at the discretion of the designer.

Note 4: Schematic drawing shows Xypex Admix application. Specifier may consider the alternative use of Xypex dry shake (DS-Series) or Xypex coatings, where applicable. Refer to Xypex Standard Specifications for more information.