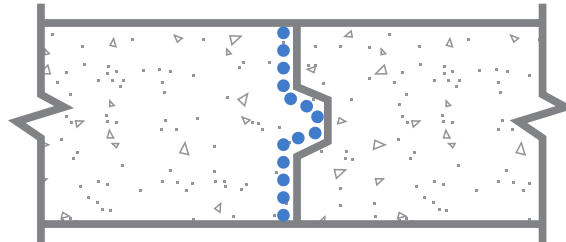
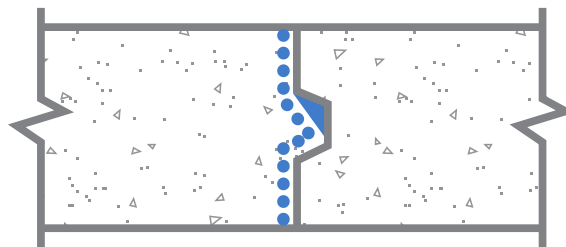


STANDARD CONST. JOINT DETAILS – TRAFFIC BEARING SLABS

Not subject to hydrostatic pressure



Subject to hydrostatic pressure



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

STEP 1: Clean joint thoroughly.

STEP 2: Dampen keyway surface and apply in the corner of the keyway a fillet of Xypex Concentrate (dry-pac form to stiff mortar consistency). Add only enough water to allow the Xypex Concentrate Dry-Pac to be applied and consolidated.

STEP 3: 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).

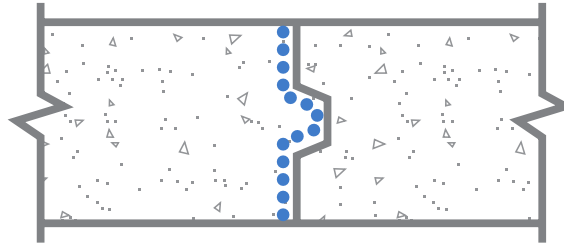
STEP 4: Pour concrete and cure in accordance with ACI, EN or other applicable international standard.

Note 1: Details are shown for joints that incorporate a keyway. Non-keyway joint assemblies are illustrated in the Admix Schematic Drawings.

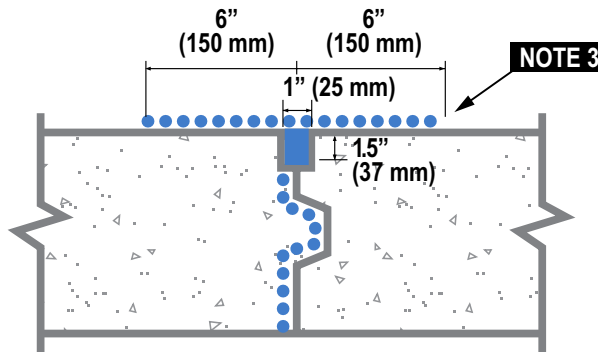
Note 2: Schematic diagram shows Xypex application details only and does not depict standard requirements for waterstops or expansion joints. Inclusion, type and position of waterstops are at the discretion of the designer. Expanding waterstops may be placed on the slurry coat after it has dried or before application. Slurry coat may only be applied over waterstop if approved by waterstop manufacturer.

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

Not subject to hydrostatic pressure



Subject to hydrostatic pressure



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

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 concrete and cure in accordance with ACI, EN or other applicable international standard.

STEP 3: 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 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 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.

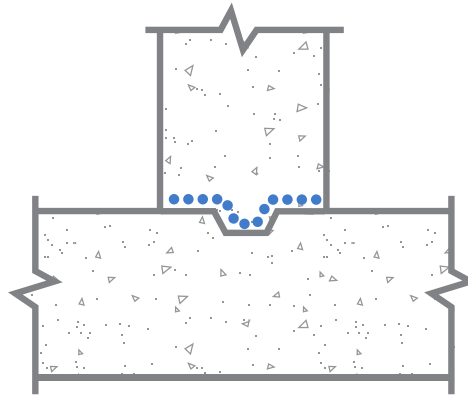
Note 1: Details are shown for joints that incorporate a keyway. Non-keyway joint assemblies are illustrated in the Admix Schematic Drawings.

Note 2: Schematic diagram shows Xypex application details only and does not depict standard requirements for waterstops or expansion joints. Inclusion, type and position of waterstops 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.

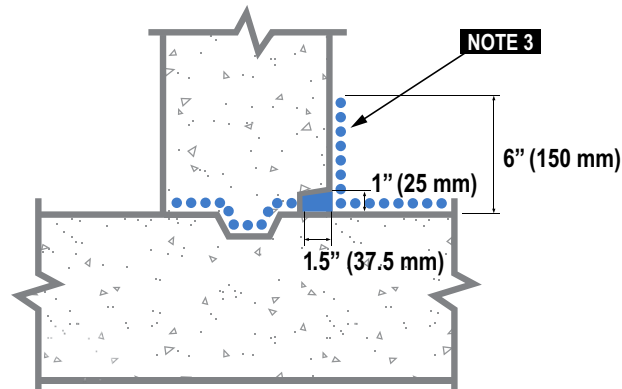
Note 3: The slurry coat over top of the sealing strip can be eliminated (Step 5) if Xypex coatings are to be applied over the area at a later stage in the project.

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

Not subject to hydrostatic pressure



Subject to hydrostatic pressure



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

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 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 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: Details are shown for joints that incorporate a keyway. Non-keyway joint assemblies are illustrated in the Admix Schematic Drawings.

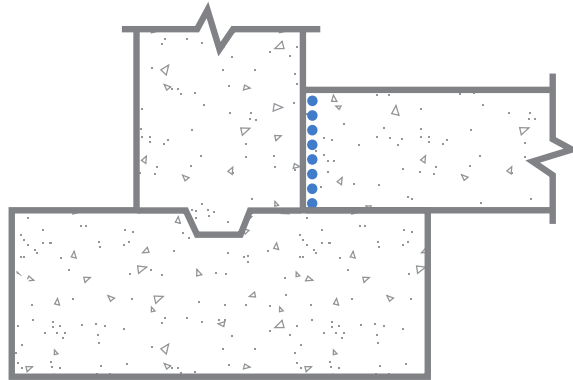
Note 2: Schematic diagram shows Xypex application details only and does not depict standard requirements for waterstops or expansion joints. Inclusion, type and position of waterstops are at the discretion of the designer. Expanding waterstops may be placed on the slurry coat after it has dried or before application. Slurry coat may only be applied over waterstop if approved by waterstop manufacturer.

Note 3: The slurry coat over top of the sealing strip shall be eliminated (Step 5) if Xypex coatings are to be applied over the area at a later stage in the project.

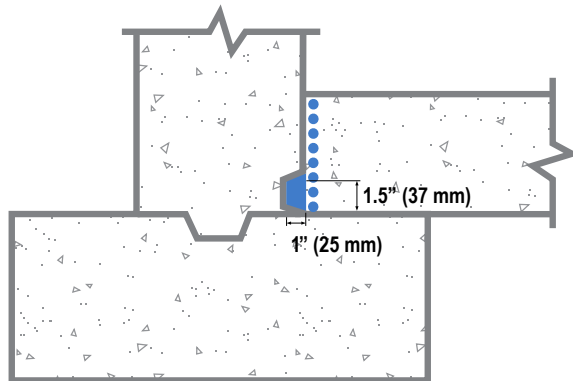
Note 4: Schematic drawing shows Xypex coating application. Specifier may consider the alternative use of Xypex dry shake (DS-Series) or Xypex additive (Admix C-Series). Refer to Xypex Standard Specifications for more information.

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

Not subject to hydrostatic pressure



Subject to hydrostatic pressure



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

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) deep.

STEP 2: Pour 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 Xypex Concentrate slurry to joint surface, including over the sealing strip, at the rate of 2.0 lb./sq.yd. (1.0 kg/m²).

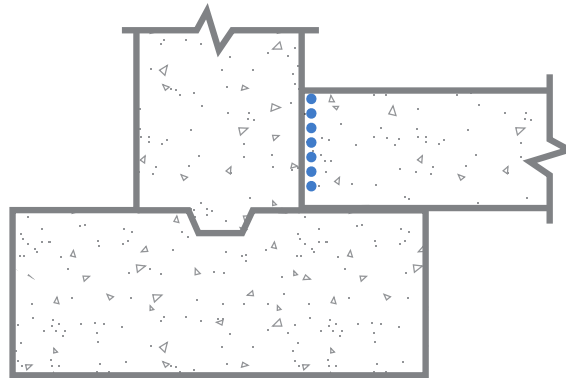
STEP 5: Pour slab as per Step 2.

Note 1: Details are shown for joints that incorporate a keyway. Non-keyway joint assemblies are illustrated in the Admix Schematic Drawings.

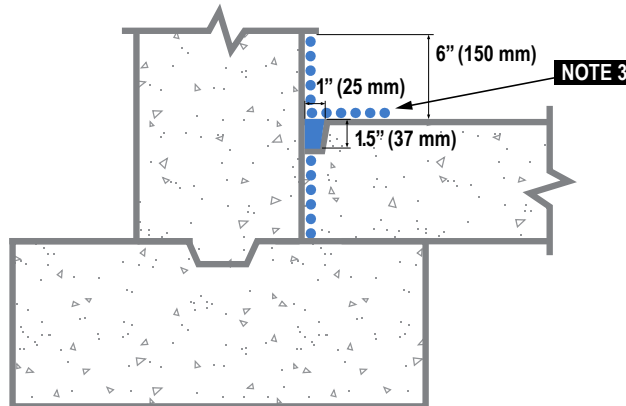
Note 2: Schematic diagram shows Xypex application details only and does not depict standard requirements for waterstops or expansion joints. Inclusion, type and position of waterstops are at the discretion of the designer. Expanding waterstops may be placed on the slurry coat after it has dried or before application. Slurry coat may only be applied over waterstop if approved by waterstop manufacturer.

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

Not subject to hydrostatic pressure



Subject to hydrostatic pressure



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

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 concrete and cure in accordance with ACI, EN or other applicable international standard. Strip forms including formwork for linear groove.

STEP 3: 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 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 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.

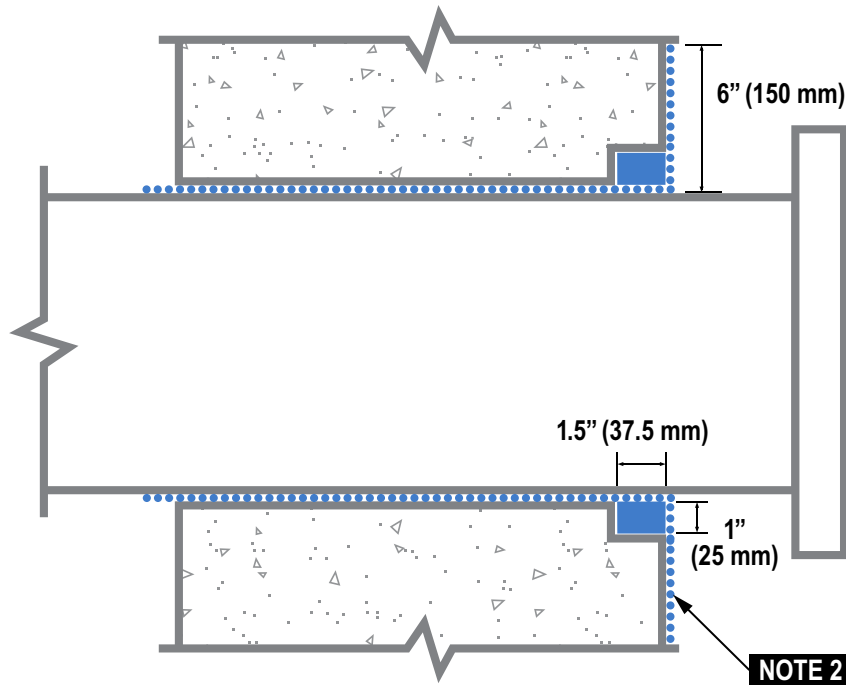
Note 1: Details are shown for joints that incorporate a keyway. Non-keyway joint assemblies are illustrated in the Admix Schematic Drawings.

Note 2: Schematic diagram shows Xypex application details only and does not depict standard requirements for waterstops or expansion joints. Inclusion, type and position of waterstops 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: The slurry coat over top of the sealing strip shall be eliminated (Step 5) if Xypex coatings are to be applied over the area at a later stage in the project.

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

STANDARD METAL PIPE DETAIL



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

STEP 1: Clean outside surface of pipe thoroughly and roughen with wire brush, sandpaper or other means. 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 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".

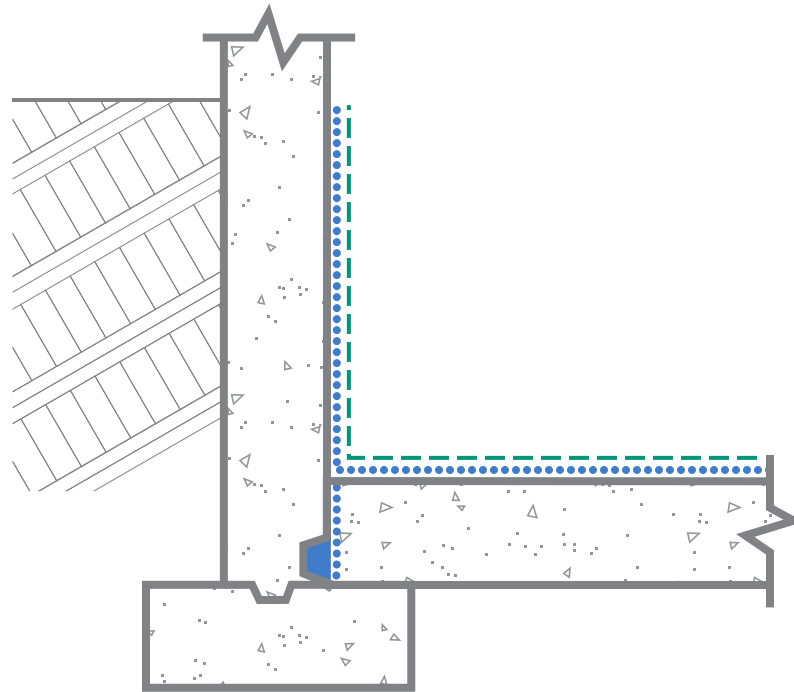
STEP 5: Apply Xypex Concentrate slurry at 1.5 lb./sq.yd. (0.8 kg/m²) over sealing strip and extending to 6" (150 mm) from pipe. Cure for 48 - 72 hours in accordance with normal Xypex coatings curing procedures.

Note 1: Schematic diagram shows Xypex application details only and does not depict standard requirements for waterstops or expansion joints. Inclusion, type and position of waterstops 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: The slurry coat over top of the sealing strip shall be eliminated (Step 5) if Xypex coatings are to be applied over the area at a later stage in the project.

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

CONCRETE WALL & SLAB – INSIDE APPLICATION – WALL INTO SLAB



●●● CONCENTRATE SLURRY COAT
 ■ CONCENTRATE DRY-PAC
 - - - MODIFIED SLURRY COAT

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 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 Xypex Concentrate slurry 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: Thoroughly profile, clean and saturate the inside of walls and top of the slabs that will receive Xypex coatings. Surfaces shall have a "tooth and suction" ICRI CSP-3 profile and be fully saturated with no glistening water on the surface.

STEP 7: Apply one coat of Xypex Concentrate at the rate of 1.25 - 1.5 lb./sq.yd. (0.65 - 0.8 kg/m²). If a second coat is required after the Concentrate has set but while it is still

"green", apply either another coat of Xypex Concentrate or a coat of Xypex Modified at the rate of 1.25 - 1.5 lb./sq.yd. (0.65 - 0.8 kg/m²).

STEP 8: Cure by keeping coating moist by misting or fog spraying periodically with water for 2 - 3 days.

Note 1: A single heavy coat may be used in some situations. Contact Xypex Technical Services Representative for assistance.

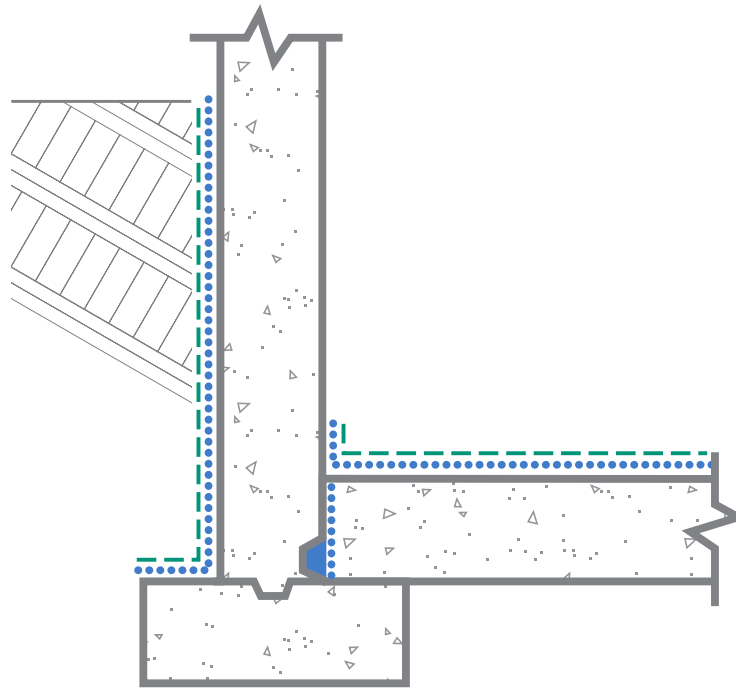
Note 2: Details are shown for joints that incorporate a keyway. Non-keyway joint assemblies are illustrated in the Admix Schematic Drawings.

Note 3: Schematic diagram shows Xypex application details only and does not depict standard requirements for waterstops or expansion joints. Inclusion, type and position of waterstops 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 water-stop manufacturer.

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



CONCRETE WALL & SLAB – OUTSIDE APPLICATION – WALL ONTO SLAB



..... CONCENTRATE SLURRY COAT

■ CONCENTRATE DRY-PAC

- - - MODIFIED SLURRY COAT

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 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 Xypex Concentrate slurry 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: Thoroughly profile, clean and saturate the outside surface of all walls and the top surface of slabs that will receive Xypex coatings. Surfaces shall have a "tooth and suction" ICRI CSP-3 profile and be fully saturated with no glistening water on the surface.

STEP 7: Apply one coat of Xypex Concentrate at the rate of 1.25 - 1.5 lb./sq.yd. (0.65 - 0.8 kg/m²). If a second coat is required after the Concentrate has set but while it is still

"green", apply either another coat of Xypex Concentrate or a coat of Xypex Modified at the rate of 1.25 - 1.5 lb./sq.yd. (0.65 - 0.8 kg/m²).

STEP 8: Cure by keeping coating moist by misting or fog spraying periodically with water for 2 - 3 days. Backfill and place into service as per Xypex coatings guidelines.

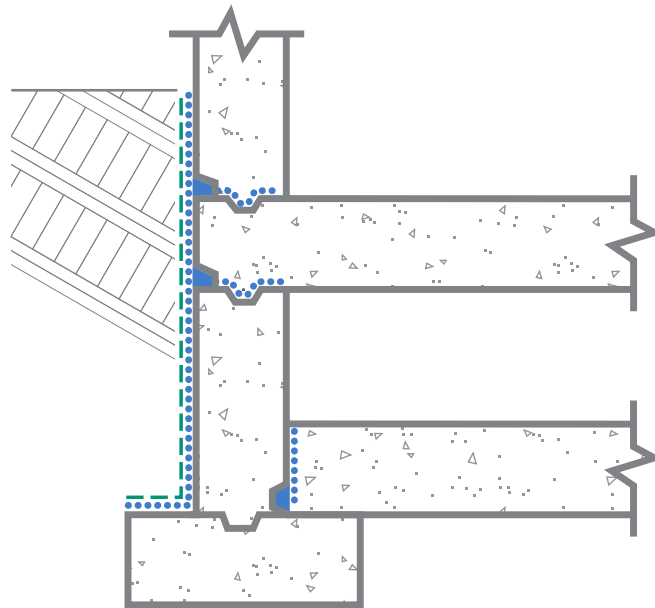
Note 1: A single heavy coat may be used in some situations. Contact Xypex Technical Services Representative for assistance.

Note 2: Details are shown for joints that incorporate a keyway. Non-keyway joint assemblies are illustrated in the Admix Schematic Drawings.

Note 3: Schematic diagram shows Xypex application details only and does not depict standard requirements for waterstops or expansion joints. Inclusion, type and position of waterstops 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 4: Schematic drawing shows Xypex coating application. Specifier may consider the alternative use of Xypex dry shake (DS-Series) or Xypex additive (Admix C-Series). Refer to Xypex Standard Specifications for more information.

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



●●● CONCENTRATE SLURRY COAT
 ■ CONCENTRATE DRY-PAC
 - - - MODIFIED SLURRY COAT

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 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 Xypex Concentrate slurry 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: 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 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: Thoroughly profile, clean and saturate the out- side surface of all walls and other concrete that will receive Xypex coatings. Surfaces to have a "tooth and suction" ICRI CSP-3 profile and be fully saturated with no glistening water on the surface.

STEP 11: Apply one coat of Xypex Concentrate at the rate of 1.25 - 1.5 lb./sq.yd. (0.65 - 0.8 kg/m²). If a second coat is required after the Concentrate has set but while it is still "green", apply either another coat of Xypex Concentrate or a coat of Xypex Modified at the rate of 1.25 - 1.5 lb./sq.yd. (0.65 - 0.8 kg/m²).

STEP 12: Cure by keeping coating moist by misting or fog spraying periodically with water for 2 - 3 days. Backfill and place into service per Xypex coatings guidelines.

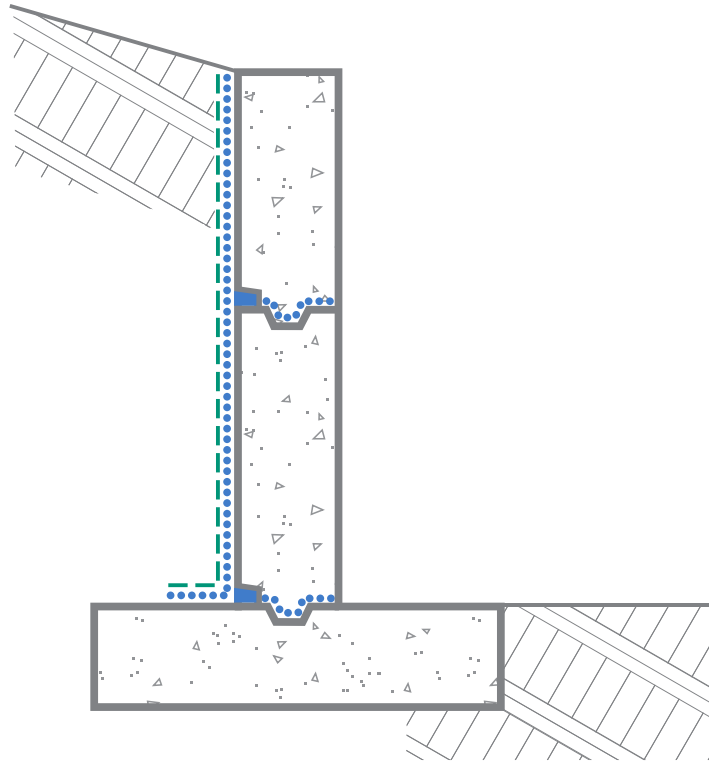
Note 1: A single heavy coat may be used in some situations. Contact Xypex Technical Services Representative for assistance.

Note 2: Details are shown for joints that incorporate a keyway. Non-keyway joint assemblies are illustrated in the Admix Schematic Drawings.

Note 3: Schematic diagram shows Xypex application details only and does not depict standard requirements for waterstops or expansion joints. Inclusion, type and position of waterstops 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 water-stop manufacturer.

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

RETAINING WALL



..... CONCENTRATE SLURRY COAT
 ■ CONCENTRATE DRY-PAC
 - - - MODIFIED SLURRY COAT

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 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 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: Thoroughly profile, clean and saturate the side of all walls that will have direct water contact and other concrete that will receive Xypex coatings. Surfaces to have a "tooth and suction" ICRI CSP-3 profile and be fully saturated with no glistening water on the surface.

STEP 6: Apply one coat of Xypex Concentrate at the rate of 1.25 - 1.5 lb./sq.yd. (0.65 - 0.8 kg/m²). If a second coat is required after the Concentrate has set but while it is still

"green", apply either another coat of Xypex Concentrate or a coat of Xypex Modified at the rate of 1.25 - 1.5 lb./sq.yd. (0.65 - 0.8 kg/m²).

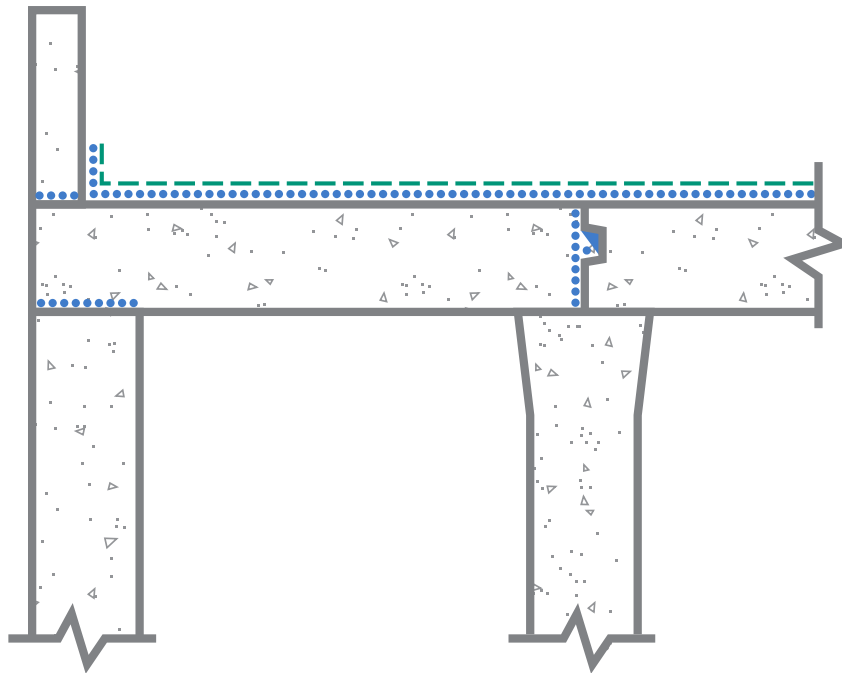
STEP 7: Cure by keeping coating moist by misting or fog spraying periodically with water for 2 - 3 days. Backfill and place into service per Xypex coatings guidelines.

Note 1: A single heavy coat may be used in some situations. Contact Xypex Technical Services Representative for assistance.

Note 2: Details are shown for joints that incorporate a keyway. Non-keyway joint assemblies are illustrated in the Admix Schematic Drawings.

Note 3: Schematic diagram shows Xypex application details only and does not depict standard requirements for waterstops or expansion joints. Inclusion, type and position of waterstops 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 4: Schematic drawing shows Xypex coating application. Specifier may consider the alternative use of Xypex dry shake (DS-Series) or Xypex additive (Admix C-Series). Refer to Xypex Standard Specifications for more information.



..... CONCENTRATE SLURRY COAT
 ■ CONCENTRATE DRY-PAC
 - - - MODIFIED SLURRY COAT

STEP 1: Clean joints, including keyway, thoroughly.

STEP 2: Dampen keyway surface and apply in the corner of the keyway a fillet of Xypex Concentrate (dry-pac to stiff mortar consistency). Add only enough water to allow the Xypex Concentrate Dry-Pac to be applied and consolidated.

STEP 3: Apply Xypex Concentrate slurry to joint surfaces, including over the sealing strip, at the rate of 2.0 lb./sq.yd. (1.0 kg/m²).

STEP 4: Pour concrete and cure in accordance with ACI, EN or other applicable international standard.

STEP 5: Thoroughly profile, clean and saturate the surface of the slab and other concrete that will receive Xypex coatings. Surfaces shall have a “tooth and suction” ICRI CSP-3 profile and be fully saturated with no glistening water on the surface.

STEP 6: Apply one coat of Xypex Concentrate at the rate of 1.25 - 1.5 lb./sq.yd. (0.65 - 0.8 kg/m²). If a second coat is required after the Concentrate has set but while it is still “green”, apply either another coat of Xypex Concentrate or a coat of Xypex Modified at the rate of 1.25 - 1.5 lb./sq.yd. (0.65 - 0.8 kg/m²).

STEP 7: Cure by keeping coating moist by misting or fog spraying periodically with water for 2 - 3 days. Care must be taken to avoid puddling of water during the curing pe-

riod. Damp burlap and specialty curing blankets may also be used. Contact Xypex regarding additional hardening of the coatings and opening to traffic.

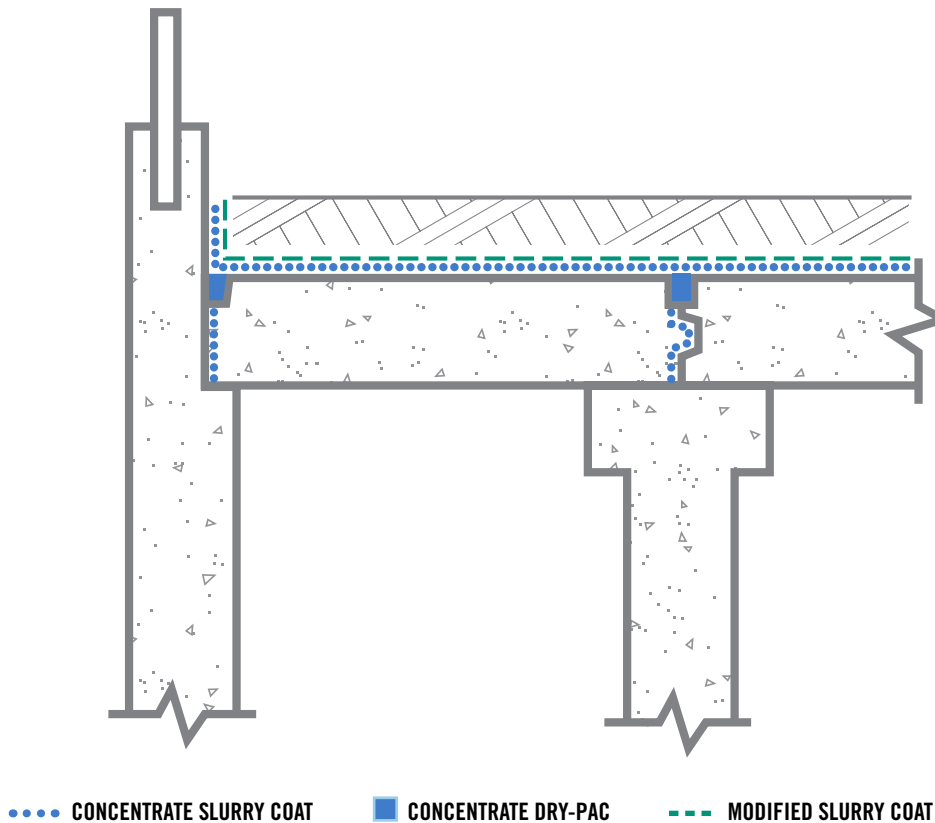
Note 1: Parking decks are normally subject to variable live loads that may create movement in cracks beyond the ability of Xypex to heal. Consult Xypex Technical Services Representative for assistance.

Note 2: A single heavy coat may be used in some situations. Contact Xypex Technical Services Representative for assistance.

Note 3: Details are shown for joints that incorporate a keyway. Non-keyway joint assemblies are illustrated in the Admix Schematic Drawings.

Note 4: Schematic diagram shows Xypex application details only and does not depict standard requirements for waterstops or expansion joints. Inclusion, type and position of waterstops 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 5: Schematic drawing shows Xypex coating application. Specifier may consider the alternative use of Xypex dry shake (DS-Series) or Xypex additive (Admix C-Series). 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 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 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: Thoroughly profile, clean and saturate the concrete that will receive Xypex coatings. Surfaces to have a "tooth and suction" ICRI CSP-3 profile and be fully saturated with no glistening water on the surface.

STEP 6: Apply one coat of Xypex Concentrate at the rate of 1.25 - 1.5 lb./sq.yd. (0.65 - 0.8 kg/m²). If a second coat is required after the Concentrate has set but while it is still "green", apply either another coat of Xypex Concentrate or a coat of Xypex Modified at the rate of 1.25 - 1.5 lb./sq.yd. (0.65 - 0.8 kg/m²).

STEP 7: Cure by keeping coating moist by misting or fog spraying periodically with water for 2 - 3 days. Fill and place into service per Xypex coatings guidelines.

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. Contact Xypex Technical Services Representative for assistance.

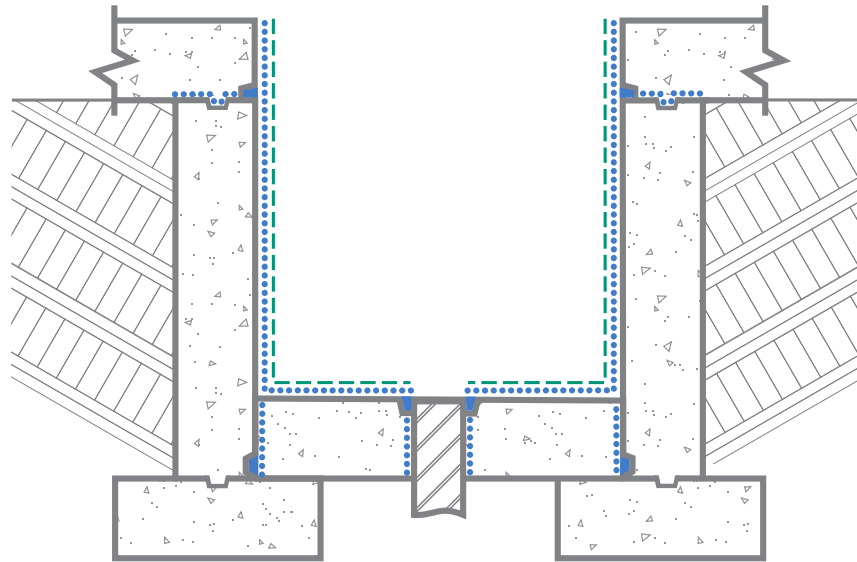
Note 2: A single heavy coat may be used in some situations. Contact Xypex Technical Services Representative for assistance.

Note 3: Details are shown for joints that incorporate a keyway. Non-keyway joint assemblies are illustrated in the Admix Schematic Drawings.

Note 4: Schematic diagram shows Xypex application details only and does not depict standard requirements for waterstops or expansion joints. Inclusion, type and position of waterstops 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 5: Schematic drawing shows Xypex coating application. Specifier may consider the alternative use of Xypex dry shake (DS-Series) or Xypex additive (Admix C-Series). Refer to Xypex Standard Specifications for more information.

HYDRAULIC ELEVATOR PIT



..... CONCENTRATE SLURRY COAT
 ■ CONCENTRATE DRY-PAC
 - - - MODIFIED SLURRY COAT

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

STEP 6: Pour bottom slab as per Step 2. Tool around the in ground cylinder to form a 1" (25 mm) wide by 1½" (37 mm) deep linear groove around the cylinder casing. 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: Modify the forms to create a linear groove in the finished concrete surface at the upper slab to wall joint. The linear groove is to be 1" (25 mm) high by 1½" (37 mm) deep.

STEP 8: Clean joint thoroughly. Apply Xypex Concentrate slurry to joint surface at the rate of 2.0 lb./sq.yd. (1.0 kg/m²).

STEP 9: Pour concrete 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 10: Thoroughly profile, clean and saturate the surface of all walls and other concrete that will receive Xypex coatings. Surfaces shall have a "tooth and suction" ICRI CSP-3 profile and be fully saturated with no glistening water on the surface

STEP 11: Apply one coat of Xypex Concentrate at the rate of 1.25 - 1.5 lb./sq.yd. (0.65 - 0.8 kg/m²). If a second coat is required after the Concentrate has set but while it is still "green", apply either another coat of Xypex Concentrate or a coat of Xypex Modified at the rate of 1.25 - 1.5 lb./sq.yd. (0.65 - 0.8 g/m²).

STEP 12: Cure by keeping coating moist by misting or fog spraying periodically with water for 2 - 3 days.

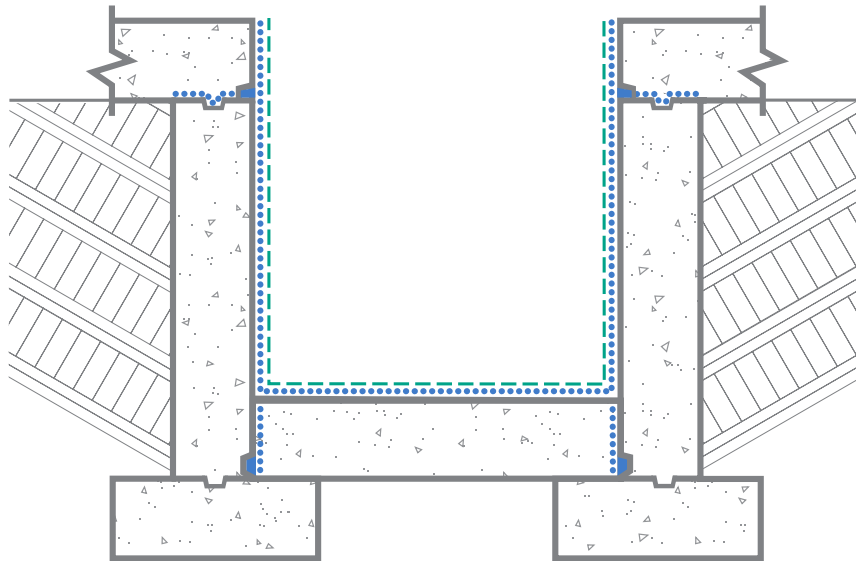
Note 1: A single heavy coat may be used in some situations. Contact Xypex Technical Services Representative for assistance.

Note 2: Details are shown for joints that incorporate a keyway. Non-keyway joint assemblies are illustrated in the Admix Schematic Drawings.

Note 3: Schematic diagram shows Xypex application details only and does not depict standard requirements for waterstops or expansion joints. Inclusion, type and position of waterstops 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 4: Schematic drawing shows Xypex coating application. Specifier may consider the alternative use of Xypex dry shake (DS-Series) or Xypex additive (Admix C-Series). Refer to Xypex Standard Specifications for more information.

ELEVATOR PIT / SUMP PIT



●●● CONCENTRATE SLURRY COAT
 ■ CONCENTRATE DRY-PAC
 - - - MODIFIED SLURRY COAT

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 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 Xypex Concentrate slurry 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 finished concrete surface at the upper slab to wall joint. The linear groove is to be 1" (25 mm) high by 1½" (37 mm) deep.

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: Pour concrete 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: Thoroughly profile, clean and saturate the surface of all walls, floor and other concrete that will receive

Xypex coatings. Surfaces shall have a "tooth and suction" ICRI CSP-3 profile and be fully saturated with no glistening water on the surface.

STEP 10: Apply one coat of Xypex Concentrate at the rate of 1.25 - 1.5 lb./sq.yd. (0.65 - 0.8 kg/m²). If a second coat is required after the Concentrate has set but while it is still "green", apply either another coat of Xypex Concentrate or a coat of Xypex Modified at the rate of 1.25 - 1.5 lb./sq.yd. (0.65 - 0.8 kg/m²).

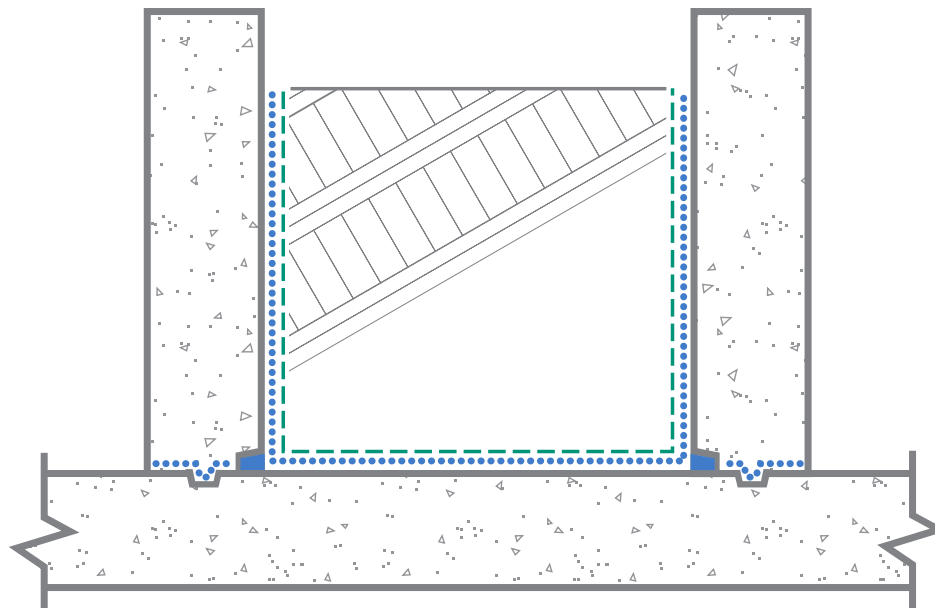
STEP 11: Cure by keeping coating moist by misting or fog spraying periodically with water for 2 - 3 days.

Note 1: A single heavy coat may be used in some situations. Contact Xypex Technical Services Representative for assistance.

Note 2: Details are shown for joints that incorporate a keyway. Non-keyway joint assemblies are illustrated in the Admix Schematic Drawings.

Note 3: Schematic diagram shows Xypex application details only and does not depict standard requirements for waterstops or expansion joints. Inclusion, type and position of waterstops 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 water-stop manufacturer.

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



●●● CONCENTRATE SLURRY COAT
 ■ CONCENTRATE DRY-PAC
 - - - MODIFIED SLURRY COAT

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 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: Thoroughly profile, clean and saturate the inside surface of all walls, floor and other concrete that will receive Xypex coatings. Surfaces to have a "tooth and suction" ICRI CSP-3 profile and be fully saturated with no glistening water on the surface.

STEP 6: Apply one coat of Xypex Concentrate at the rate of 1.25 - 1.5 lb./sq.yd. (0.65 - 0.8 kg/m²). If a second coat is required after the Concentrate has set but while it is still "green", apply either another coat of Xypex Concentrate

or a coat of Xypex Modified at the rate of 1.25 - 1.5 lb./sq.yd. (0.65 - 0.8 kg/m²).

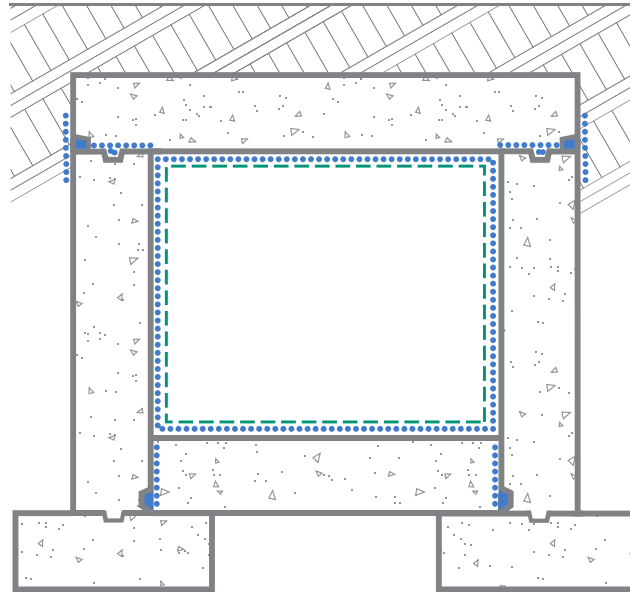
STEP 7: Cure by keeping coating moist by misting or fog spraying periodically with water for 2 - 3 days. Fill and place into service per Xypex coatings guidelines.

Note 1: A single heavy coat may be used in some situations. Contact Xypex Technical Services Representative for assistance.

Note 2: Details are shown for joints that incorporate a keyway. Non-keyway joint assemblies are illustrated in the Admix Schematic Drawings.

Note 3: Schematic diagram shows Xypex application details only and does not depict standard requirements for waterstops or expansion joints. Inclusion, type and position of waterstops 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 4: Schematic drawing shows Xypex coating application. Specifier may consider the alternative use of Xypex dry shake (DS-Series) or Xypex additive (Admix C-Series). Refer to Xypex Standard Specifications for more information.



..... CONCENTRATE SLURRY COAT ■ CONCENTRATE DRY-PAC - - - MODIFIED SLURRY COAT

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 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 slab as per Step 2.

STEP 6: 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 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: Pour concrete 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 Xypex Concentrate slurry 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.

STEP 10: Thoroughly profile, clean and saturate the surface of all walls, floor, roof and other concrete that will

receive Xypex coatings. Surfaces shall have a "tooth and suction" ICRI CSP-3 profile and be fully saturated with no glistening water on the surface.

STEP 11: Apply one coat of Xypex Concentrate at the rate of 1.25 - 1.5 lb./sq.yd. (0.65 - 0.8 kg/m²). If a second coat is required after the Concentrate has set but while it is still "green", apply either another coat of Xypex Concentrate or a coat of Xypex Modified at the rate of 1.25 - 1.5 lb./sq.yd. (0.65 - 0.8 kg/m²).

STEP 12: Cure by keeping coating moist by misting or fog spraying periodically with water for 2 - 3 days. Backfill and place into service per Xypex coatings guidelines.

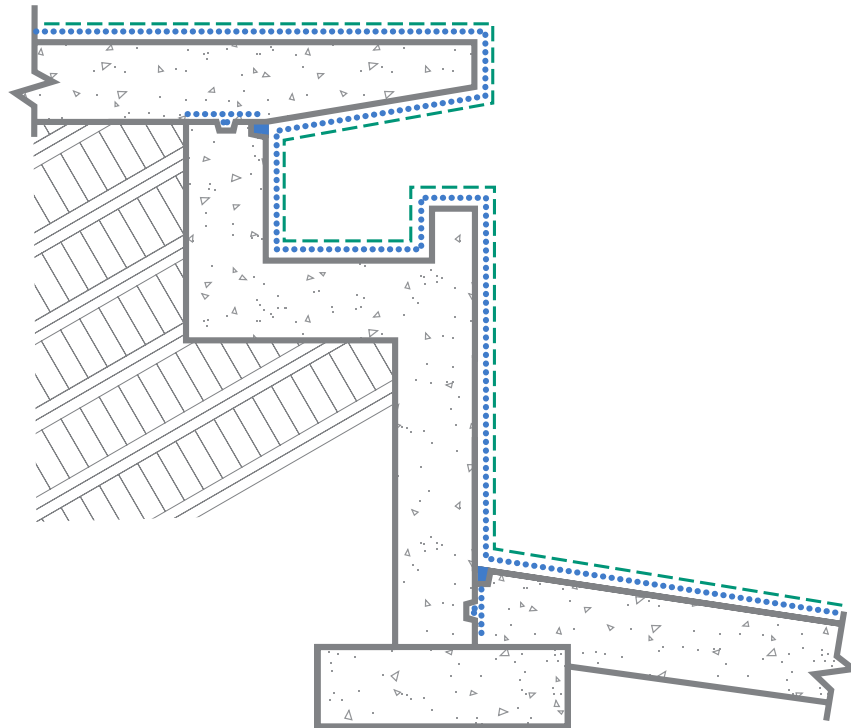
Note 1: Interior application of coatings is shown. Exterior application on walls and roof are also acceptable and preferred for new construction.

Note 2: A single heavy coat may be used in some situations. Contact Xypex Technical Services Representative for assistance.

Note 3: Details are shown for joints that incorporate a keyway. Non-keyway joint assemblies are illustrated in the Admix Schematic Drawings.

Note 4: Schematic diagram shows Xypex application details only and does not depict standard requirements for waterstops or expansion joints. Inclusion, type and position of waterstops 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 5: Schematic drawing shows Xypex coating application. Specifier may consider the alternative use of Xypex dry shake (DS-Series) or Xypex additive (Admix C-Series). Refer to Xypex Standard Specifications for more information.



..... CONCENTRATE SLURRY COAT
 ■ CONCENTRATE DRY-PAC
 - - - - MODIFIED SLURRY COAT

If tile, plaster or other finish will be applied, see Xypex Method Statement “Waterproofing of Dry-Mix Shotcrete Pools” (Section 1.3, p. 7-8) or contact Xypex Technical Services 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: 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 and to be 1” (35 mm) wide by 1½” (37 mm) deep.

STEP 3: Pour 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: Thoroughly profile, clean and saturate the inside surface of all walls, floor and other concrete that will receive Xypex coatings. Surfaces shall have a “tooth and suction” ICRI CSP-3 profile and be fully saturated with no glistening water on the surface.

STEP 6: Apply one coat of Xypex Concentrate at the rate of 1.25 - 1.5 lb./sq.yd. (0.65 - 0.8 kg/m²). After the Concentrate has set but while it is still “green”, apply either a second coat of Xypex Concentrate or a coat of Xypex

Modified at the rate of 1.25 - 1.5 lb./sq.yd. (0.65 - 0.8 kg/m²). If tile, plaster or other finish will be applied, replace two coats with one heavy coat, 2.0 lb./sq.yd. (1.0 kg/m²) of Xypex Concentrate slurry. See Xypex Method Statement “Dry Mix Shotcrete Pools” or contact Xypex Technical Services for more information.

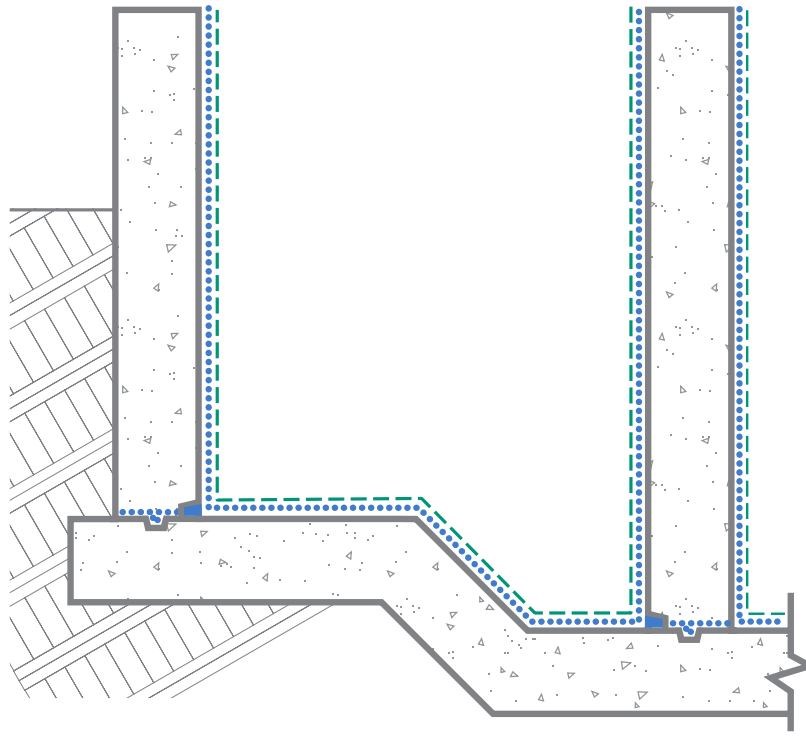
STEP 7: Cure by keeping coating moist by misting or fog spraying periodically with water for 2 - 3 days. Fill with water and place into service per Xypex coatings guidelines or in accordance with Xypex Method Statement.

Note 1: A single heavy coat may be used in some situations. Contact Xypex Technical Services Representative for assistance.

Note 2: Details are shown for joints that incorporate a keyway. Non-keyway joint assemblies are illustrated in the Admix Schematic Drawings.

Note 3: Schematic diagram shows Xypex application details only and does not depict standard requirements for waterstops or expansion joints. Inclusion, type and position of waterstops 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 4: Schematic drawing shows Xypex coating application. Specifier may consider the alternative use of Xypex dry shake (DS-Series) or Xypex additive (Admix C-Series). Refer to Xypex Standard Specifications for more information.



..... CONCENTRATE SLURRY COAT
 ■ CONCENTRATE DRY-PAC
 - - - MODIFIED SLURRY COAT

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 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: Thoroughly profile, clean and saturate the inside surface of all walls, floor and other concrete that will receive Xypex coatings. Surfaces shall have a "tooth and suction" ICRI CSP-3 profile and be fully saturated with no glistening water on the surface.

STEP 6: Apply one coat of Xypex Concentrate at the rate of 1.25 - 1.5 lb./sq.yd. (0.65 - 0.8 kg/m²). After the Concentrate has set but while it is still "green", apply either a second coat of Xypex Concentrate or a coat of

Xypex Modified at the rate of 1.25 - 1.5 lb./sq.yd. (0.65 - 0.8 kg/m²).

STEP 7: Cure by keeping coating moist by misting or fog spraying periodically with water for 2 - 3 days. Fill with liquid and place into service per Xypex coatings guidelines.

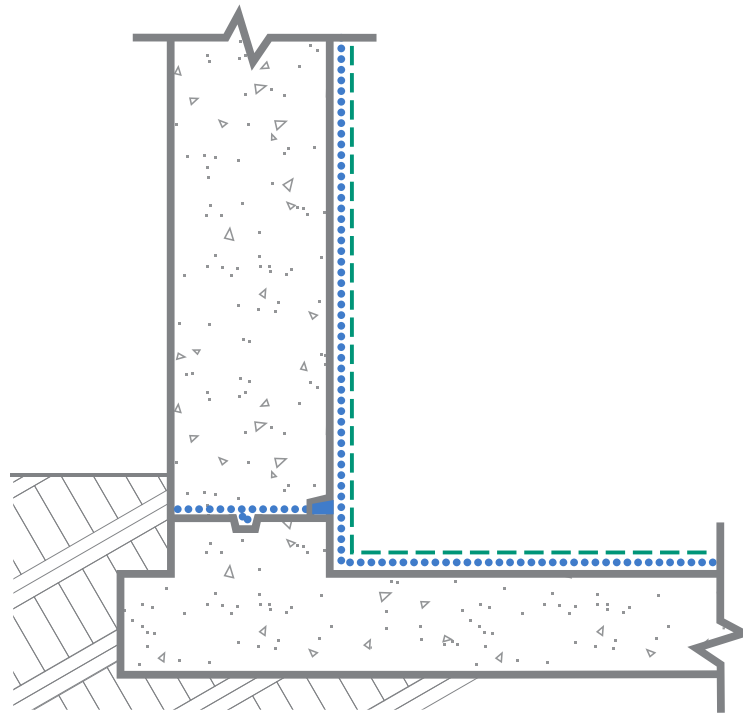
Note 1: Details are shown for joints that incorporate a keyway. Non-keyway joint assemblies are illustrated in the Admix Schematic Drawings.

Note 2: A single heavy coat may be used in some situations. Contact Xypex Technical Services Representative for assistance.

Note 3: Schematic diagram shows Xypex application details only and does not depict standard requirements for waterstops or expansion joints. Inclusion, type and position of waterstops 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 4: Schematic drawing shows Xypex coating application. Specifier may consider the alternative use of Xypex dry shake (DS-Series) or Xypex additive (Admix C-Series). Refer to Xypex Standard Specifications for more information.

WALL WITH KICKER



..... CONCENTRATE SLURRY COAT
 ■ CONCENTRATE DRY-PAC
 - - - MODIFIED SLURRY COAT

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 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: Thoroughly profile, clean and saturate the inside surface of all walls, floor and other concrete that will receive Xypex coatings. Surfaces shall have a "tooth and suction" ICRI CSP-3 profile and be fully saturated with no glistening water on the surface.

STEP 6: Apply one coat of Xypex Concentrate at the rate of 1.25 - 1.5 lb./sq.yd. (0.65 - 0.8 kg/m²). After the Concentrate has set but while it is still "green", apply either a second coat of Xypex Concentrate or a coat of

Xypex Modified at the rate of 1.25 - 1.5 lb./sq.yd. (0.65 - 0.8 kg/m²).

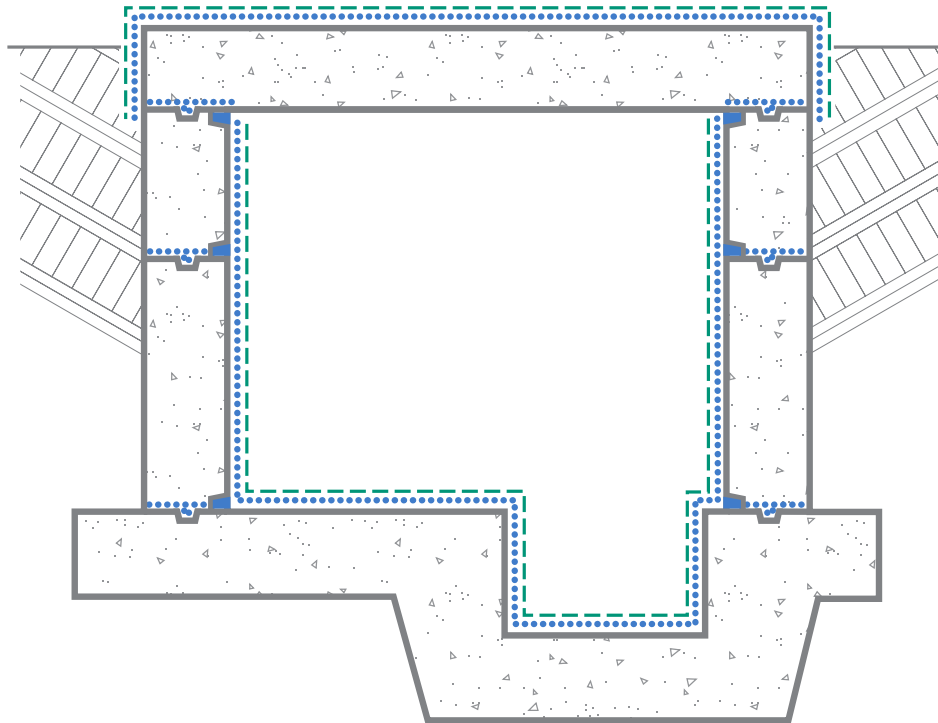
STEP 7: Cure by keeping coating moist by misting or fog spraying periodically with water for 2 - 3 days. Place into service per Xypex coatings guidelines.

Note 1: A single heavy coat may be used in some situations. Contact Xypex Technical Services Representative for assistance.

Note 2: Details are shown for joints that incorporate a keyway. Non-keyway joint assemblies are illustrated in the Admix Schematic Drawings.

Note 3: Schematic diagram shows Xypex application details only and does not depict standard requirements for waterstops or expansion joints. Inclusion, type and position of waterstops 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 4: Schematic drawing shows Xypex coating application. Specifier may consider the alternative use of Xypex dry shake (DS-Series) or Xypex additive (Admix C-Series). Refer to Xypex Standard Specifications for more information.



..... CONCENTRATE SLURRY COAT
 ■ CONCENTRATE DRY-PAC
 - - - MODIFIED SLURRY COAT

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 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: Thoroughly profile, clean and saturate the inside surface of all walls, floor and the outside surface of the roof. Surfaces to have a "tooth and suction" ICRI CSP-3 profile and be fully saturated with no glistening water on the surface.

STEP 6: Apply one coat of Xypex Concentrate at the rate of 1.25 - 1.5 lb./sq.yd. (0.65 - 0.8 kg/m²). If a second coat is required after the Concentrate has set but while it is still "green", apply either another coat of Xypex Con-

centrate or a coat of Xypex Modified at the rate of 1.25 - 1.5 lb./sq.yd. (0.65 - 0.8 kg/m²).

STEP 7: Cure by keeping coating moist by misting or fog spraying periodically with water for 2 - 3 days. Fill with water and place into service per Xypex coatings guidelines.

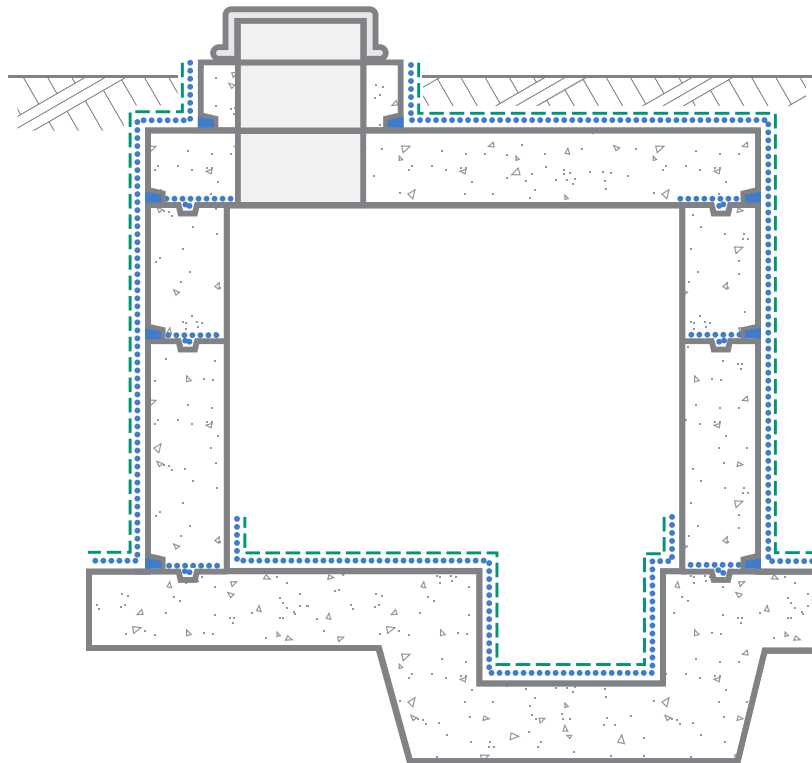
Note 1: A single heavy coat may be used in some situations. Contact Xypex Technical Services Representative for assistance.

Note 2: Details are shown for joints that incorporate a keyway. Non-keyway joint assemblies are illustrated in the Admix Schematic Drawings.

Note 3: Schematic diagram shows Xypex application details only and does not depict standard requirements for waterstops or expansion joints. Inclusion, type and position of waterstops 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 4: Schematic drawing shows Xypex coating application. Specifier may consider the alternative use of Xypex dry shake (DS-Series) or Xypex additive (Admix C-Series). Refer to Xypex Standard Specifications for more information.

UNDERGROUND VAULT / DRY WELL



..... CONCENTRATE SLURRY COAT

■ CONCENTRATE DRY-PAC

- - - MODIFIED SLURRY COAT

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 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 and to be 1" (25 mm) high by 1½" (37 mm) deep.

STEP 3: Pour 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: Thoroughly profile, clean and saturate the surface of the floor and the outside surface of the walls, roof, accessway and other concrete that will receive Xypex coatings. Surfaces to have a "tooth and suction" ICRI CSP-3 profile and be fully saturated with no glistening water on the surface.

STEP 6: Apply one coat of Xypex Concentrate at the rate of 1.25 - 1.5 lb./sq.yd. (0.65 - 0.8 kg/m²). If a second coat is required after the Concentrate has set but while

it is still "green", apply either another coat of Xypex Concentrate or a coat of Xypex Modified at the rate of 1.25 - 1.5 lb./sq.yd. (0.65 - 0.8 kg/m²).

STEP 7: Cure by keeping coating moist by misting or fog spraying periodically with water for 2 - 3 days. Backfill and place into service per Xypex coatings guidelines.

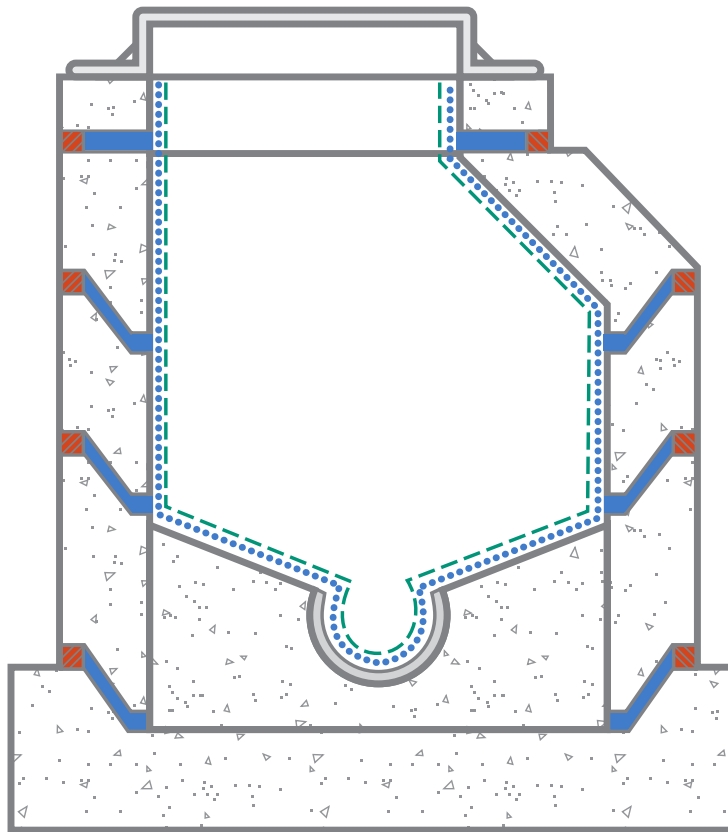
Note 1: A single heavy coat may be used in some situations. Contact Xypex Technical Services Representative for assistance.

Note 2: Details are shown for joints that incorporate a keyway. Non-keyway joint assemblies are illustrated in the Admix Schematic Drawings.

Note 3: Schematic diagram shows Xypex application details only and does not depict standard requirements for waterstops or expansion joints. Inclusion, type and position of waterstops 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 4: Schematic drawing shows Xypex coating application. Specifier may consider the alternative use of Xypex dry shake (DS-Series) or Xypex additive (Admix C-Series). Refer to Xypex Standard Specifications for more information.

PRECAST CONCRETE MANHOLE



..... CONCENTRATE SLURRY COAT
 ■ CONCENTRATE DRY-PAC
 - - - MODIFIED SLURRY COAT
 ▨ 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.

STEP 3: Thoroughly profile, clean and saturate the inside surface of all walls, floor, invert and other concrete that will receive Xypex coatings. Surfaces to have a "tooth and suction" ICRI CSP-3 profile and be fully saturated with no glistening water on the surface.

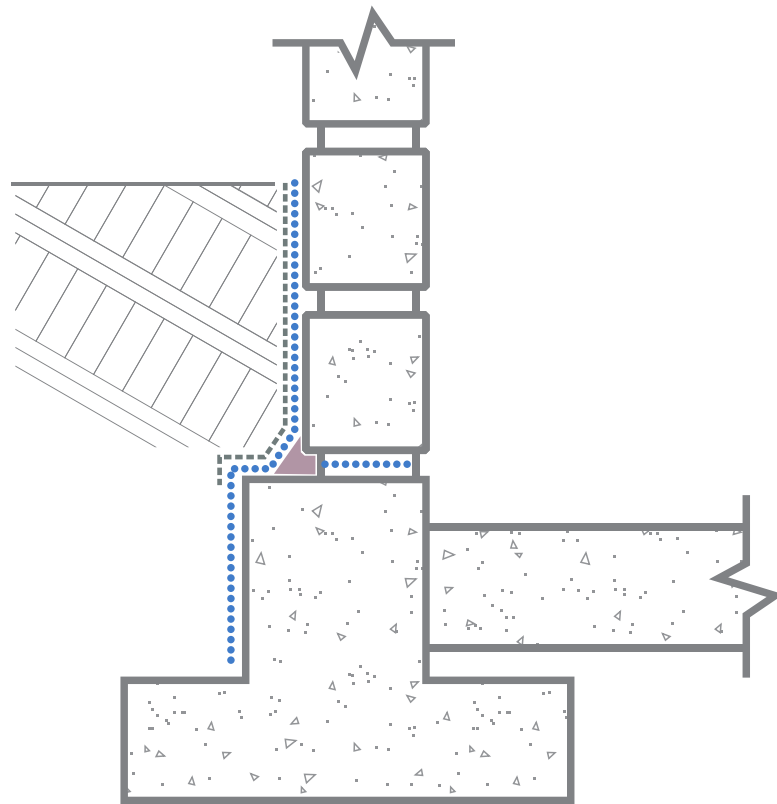
STEP 4: Apply one coat of Xypex Concentrate at the rate of 1.25 - 1.5 lb./sq.yd. (0.65 - 0.8 kg/m²). If a second coat is required after the Concentrate has set but while it is still "green", apply either another coat of Xypex Concentrate or a coat of Xypex Modified at the rate of 1.25 - 1.5 lb./sq.yd. (0.65 - 0.8 kg/m²).

STEP 5: Cure by keeping coating moist by misting or fog spraying periodically with water for 2 - 3 days. Backfill and place into service per Xypex coatings guidelines.

Note 1: A single heavy coat may be used in some situations. Contact Xypex Technical Services Representative for assistance.

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

CMU BLOCK WALL – BELOW GRADE – EXTERIOR APPLICATION



●●●● CONCENTRATE SLURRY COAT
 - - - MEGAMIX I
 ■ NON-POLYMER MORTAR

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: At the base of the wall on the exterior install a triangulare cove of good quality, non-polymer modified mortar.

STEP 3: Thoroughly profile, clean and saturate the outside surface of all CMU block walls as well as any concrete surfaces that will receive Xypex coatings. Surfaces to have a “tooth and suction” ICRI CSP-3 profile and be fully saturated with no glistening water on the surface.

STEP 4: As shown, install a fillet of good quality non-polymer modified mortar at CMU to concrete interface.

STEP 5: Apply one coat of Xypex Concentrate at the rate of 2.0 lb./sq.yd. (1.0 kg/m²) to all CMU block and concrete. Allow Xypex Concentrate coating to set and harden for between 12 hours and 24 hours (no more than 48 hours). During this time, moist cure coating per Xypex product data sheet.

STEP 6: Apply one coat of Megamix I over top of Xypex Concentrate coated CMU only. Apply Megamix I at a thickness of 1/8” (3 mm) or 11.25 lb./sq.yd. (5.6 kg/m²). Thickness of top coating may be varied from 1/16” - 3/8”

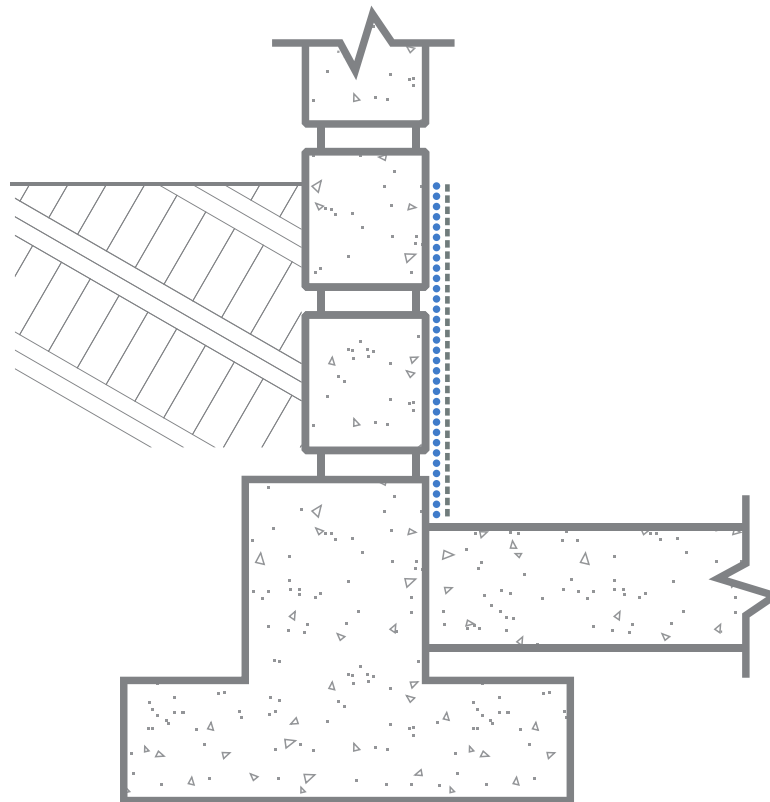
(1.5 - 10 mm) depending on job conditions and requirements. Dampen Xypex Concentrate surface ahead of application of Megamix I as required to maintain a damp but not glistening substrate (saturated surface dry condition).

STEP 7: In most situations, no moist curing of Xypex Megamix I is required but in rapid drying conditions, Megamix I should be allowed to fully set and then be misted periodically to keep moist for 24 hours. Backfill and place into service per Xypex coatings guidelines

Note 1: Schematic diagram shows Xypex application details only and does not depict standard requirements for waterstops or expansion joints. Inclusion, type and position of waterstops 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 coating application. Specifier may consider the alternative use of Xypex dry shake (DS-Series) or Xypex additive (Admix C-Series). Refer to Xypex Standard Specifications for more information.

CMU BLOCK WALL – BELOW GRADE – INTERIOR APPLICATION



●●●● CONCENTRATE SLURRY COAT - - - MEGAMIX I

For information regarding CMU repair and remediation see Xypex Method Statement “Waterproofing of CMU/Concrete Block Walls” (Section 1.3, p. 4-5) or contact Xypex Technical Services for more information.

STEP 1: Thoroughly profile, clean and saturate the inside surface of all CMU block walls as well as any concrete surfaces that will receive Xypex coatings. Surfaces to have a “tooth and suction” ICRI CSP-3 profile and be fully saturated with no glistening water on the surface.

STEP 2: Apply one coat of Xypex Concentrate at the rate of 2.0 lb./sq.yd. (1.0 kg/m²) to all CMU block and concrete. Allow Xypex Concentrate coating to set and harden for between 12 hours and 24 hours (no more than 48 hours). During this time, moist cure coating per Xypex product data sheet.

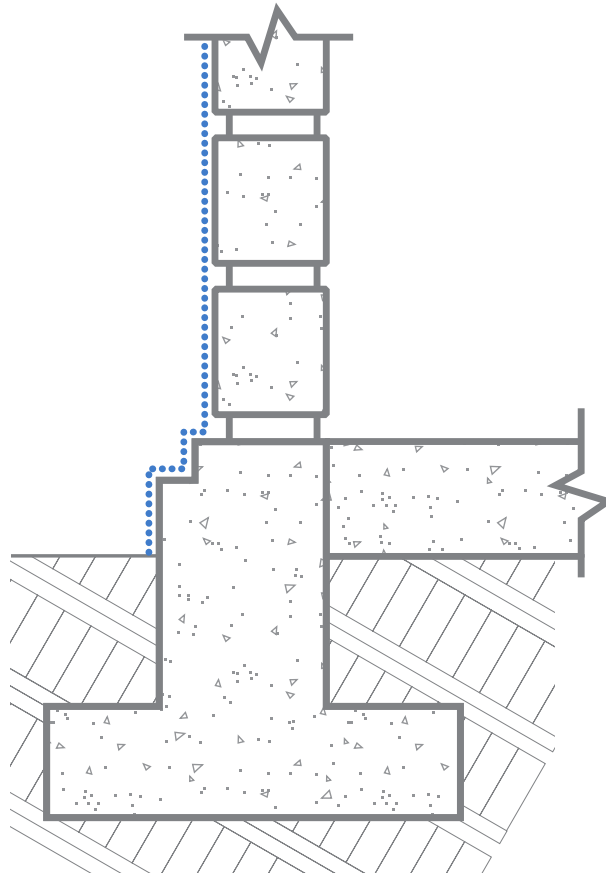
STEP 3: Apply one coat of Megamix I over top of Xypex Concentrate coated CMU only. Apply Megamix I at a thickness of 1/8” (3 mm) or 11.25 lb./sq.yd. (5.6 kg/m²). Thickness of top coating may be varied from 1/16” - 3/8” (1.5 - 10 mm) depending on job conditions and requirements. Dampen Xypex Concentrate surface ahead of

application of Megamix I as required to maintain a damp but not glistening substrate (saturated surface dry condition).

STEP 4: In most situations, no moist curing of Xypex Megamix I is required but in rapid drying conditions, Megamix I should be allowed to fully set and then be misted periodically to keep moist for 24 hours.

Note 1: Schematic diagram shows Xypex application details only and does not depict standard requirements for waterstops or expansion joints. Inclusion, type and position of waterstops 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 coating application. Specifier may consider the alternative use of Xypex dry shake (DS-Series) or Xypex additive (Admix C-Series). Refer to Xypex Standard Specifications for more information.

CMU BLOCK WALL – ABOVE GRADE – EXTERIOR APPLICATION

..... CONCENTRATE SLURRY COAT

STEP 1: Thoroughly profile, clean and saturate the outside surface of all CMU block walls as well as any concrete surfaces that will receive Xypex coatings. Surfaces to have a “tooth and suction” ICRI CSP-3 profile and be fully saturated with no glistening water on the surface.

STEP 2: Apply one coat of Xypex Concentrate at the rate of 2.0 lb./sq.yd. (1.0 kg/m²) to all CMU block and concrete.

STEP 3: Cure by keeping coating moist by misting or fog spraying periodically with water for 2 - 3 days. Open to water contact as per Xypex coatings guidelines.

Note 1: Schematic diagram shows Xypex application details only and does not depict standard requirements for waterstops or expansion joints. Inclusion, type and position of waterstops 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 coating application. Specifier may consider the alternative use of Xypex dry shake (DS-Series) or Xypex additive (Admix C-Series). Refer to Xypex Standard Specifications for more information.