Начин на дозирање и вградување на адитивот Хурех С1000 NF

1 Дозирањето да се врши на бетонска база Адитивот се става во миксерот за транспорт на бетон.

2. Вомиксерот треба да има извесна количина на вода цца15л (не е потребно додавње на цемент бидејќи адитивот е мешавина од цемент ,кварц и адитиви така што неме влијание на водоцемнтниот фактор на бетонот)

Во лимената канта извадете ја кесата со адитивот и додајте малце вода во кантата за да го растворите потоа истурете ја кантата во миксерот.

Доколку дирекно се истури во миксерот ,прашината може да се залепи за бубањот од миксерот ,па затоа се препорачува пред дозирањето да се раствори

3. После ставањето на потребната количина на адитив по 3,0кг/м3, миксерот оди на полнење под мешалката за бетон

4. Мешањето на адитивот во бетонот се одвива за време на транспортот на бетонот до објектот односно местото на вградување.Адитивот има благо дејство на ретардер така што позитивно влиае на времето на транспортирање

5. Бетонот со адитив се вградува во последните цца 20 см.од дебелината на плочата кога се работи за дебелини на темелни плочи над 50 - 70 см односно последниот слој од бетонирањето по постапката за бетонирање на масивни а.б.плочи (се контролира со импровизиран дистанцер)

6. Времето поминато од врадувањето на претходниот слој и слојот со адитив треба да е помапо од времето на почетокот на врзување на цементот во бетонот утврден со претходните проби и рецептурата согласно со проектот на бетон.

7. Адитивот е инертен во однос на другите адитиви односно нема никакво дејство.Стабилен е на хемиско влијание во средина со РН вредност од 3 до 12 (перманентно дејство)

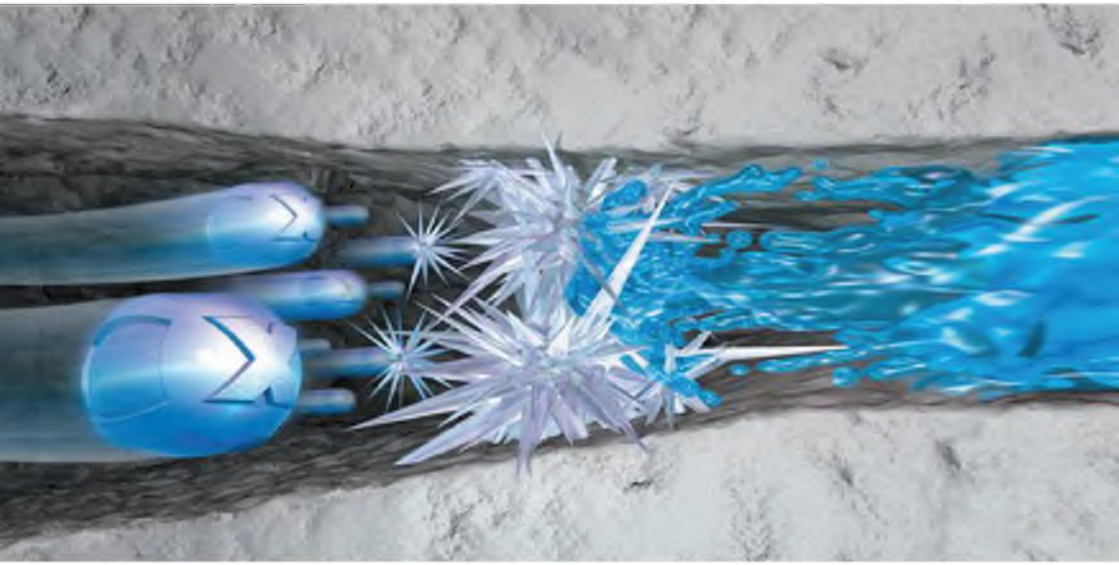
8. После завршувањето на бетонирањето исто како и на секој бетон потребно е нега според прописите за бетон или пак заштита на бетонот од губење на вода.

Доколку треба нешто друго слободно контактирајте не.

XYPEX®

Concrete Waterproofing
by Crystallization™

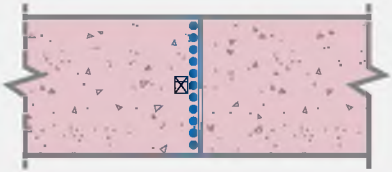
Шематски приказ за бетон со додаток на адитив XYPEX Admix со апликација на премаз Xypex Concentrate



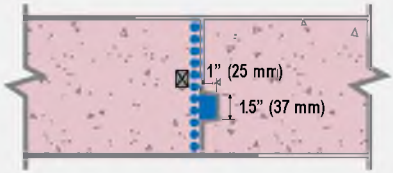
ЈАДРО
ИНЖЕНЕРИНГ

STANDARD CONSTRUCTION JOINT DETAILS - TRAFFIC BEARING SLABS

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 accepted quality concreting authority. 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/m^2). 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/m^2).

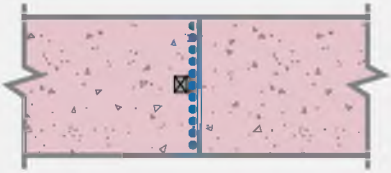
Note 1: Schematic diagram shows Xypex application and waterstops. Inclusion, type and position of waterstops are at the discretion of the designer. Expanding waterstops may be placed on Xypex after it has dried or before Xypex slurry application. Xypex slurry may only be applied over waterstop if approved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

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

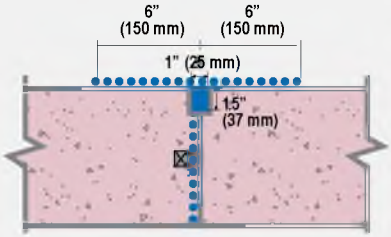
Note 3: Schematic drawing shows Xypex Admix application. Specifier may consider the alternative use of Xypex Dry Shake (DS-Series) or Xypex Coatings, where applicable. Refer to Xypex Standard Specifications for more information.

STANDARD CONSTRUCTION JOINT DETAILS - NON-TRAFFIC BEARING SLABS & WALLS

Not subject to hydrostatic pressure



Subject to hydrostatic pressure



CONCENTRATE SLURRY COAT | CONCENTRATE DRY-PAC | ADMIX | WATERSTOP

STEP 1: Clean joint thoroughly. Between pours, apply Xypex Concentrate slurry to joint surfaces at the rate of 2.0 lb./sq.yd. (1.0 kg/m^2).

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. The linear groove 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 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 linear groove at the rate of 1.5 lb./sq.yd. (0.8 kg/m^2). Fill linear groove with Xypex Concentrate Dry-Pac and pack tightly to create the Xypex "sealing strip".

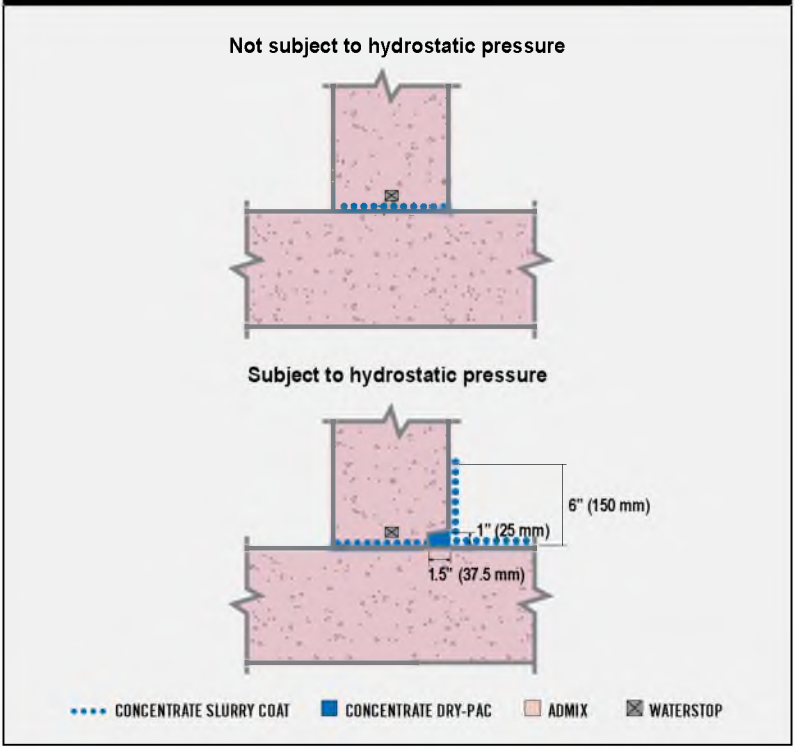
STEP 5: Apply Xypex Concentrate slurry coat at 1.5 lb./sq.yd. (0.8 kg/m^2) over sealing strip and extending to 6" (150 mm) on either side. Cure for 48 - 72 hours in accordance with normal Xypex coatings curing procedures.

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.

STANDARD CONSTRUCTION JOINT DETAILS - WALL ONTO SLAB



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/m^2).

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. 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 linear groove at the rate of 1.5 lb./sq.yd. (0.8 kg/m^2). Fill linear groove with Xypex Concentrate Dry-Pac and pack tightly to create the Xypex "sealing strip".

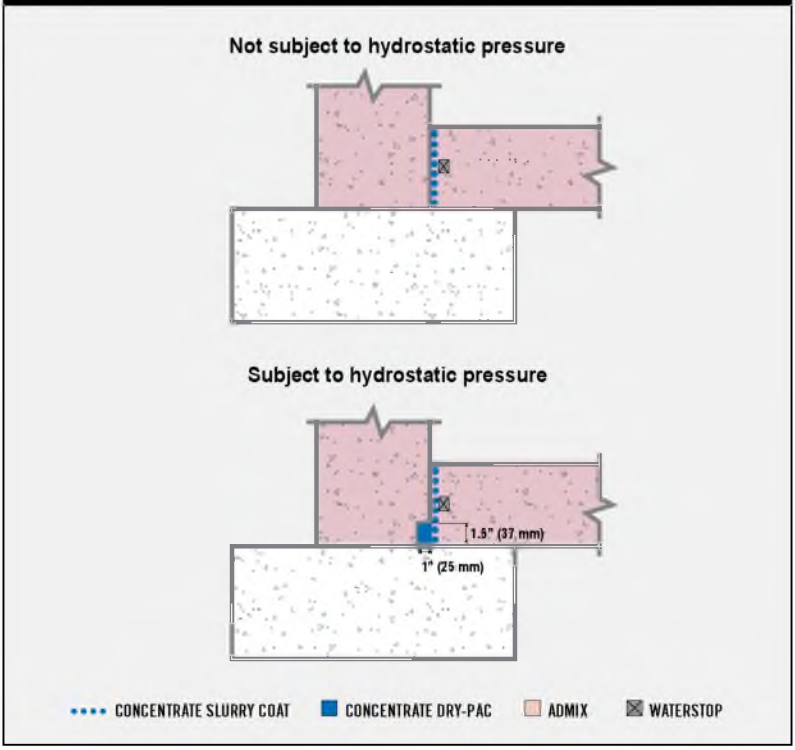
STEP 5: Apply Xypex Concentrate slurry coat at 1.5 lb./sq.yd. (0.8 kg/m^2) over sealing strip and extending to 6" (150 mm) on either side. Cure for 48 - 72 hours in accordance with normal Xypex coatings curing procedures.

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.

STANDARD CONSTRUCTION JOINT DETAILS - SLAB INTO WALL TO KEEP WATER OUT



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/m^2).

STEP 2: 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. The linear groove is to be 1½" (37 mm) high by 1" (25 mm) deep.

STEP 3: Pour Xypex Admix treated concrete and cure in accordance wlth AC, 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/m^2). Fill linear groove with Xypex Concentrate Dry-Pac and pack to create the Xypex "sealing strip".

STEP 5: Apply slurry of Xypex Concentrate at 2.0 lb./sq.yd. (1.0 kg/m^2) over sealing strip and extending to the full area of contact with the slab.

STEP 6: Pour slab as per Step 3.

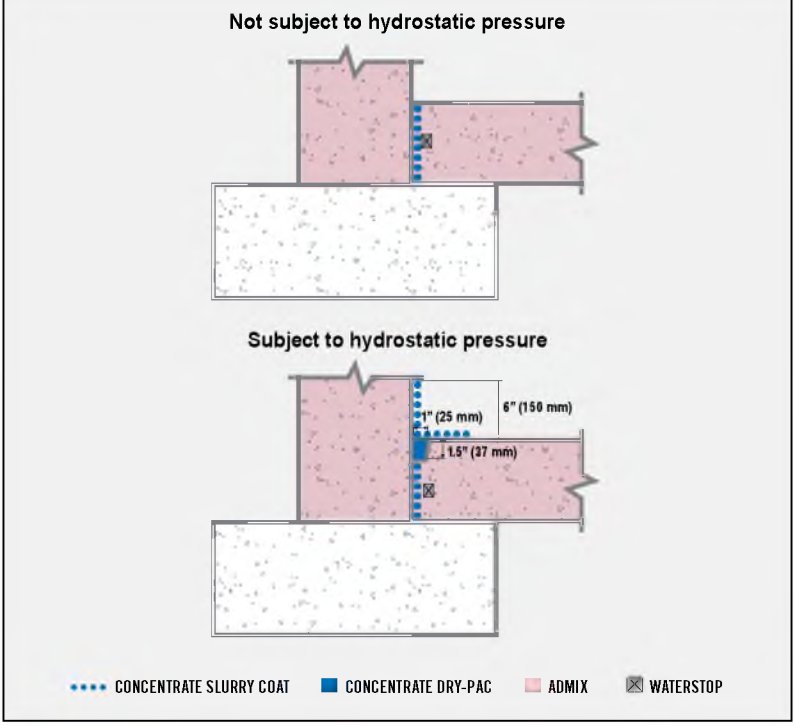
Note 1: Schematic diagram shows Xypex application and waterstops. Inclusion, type and position of waterstops are at the discretion of the designer. Expanding waterstops may be placed on Xypex after it has dried or before Xypex slurry application. Xypex slurry may only be applied over waterstop if approved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

STANDARD CONSTRUCTION JOINT DETAILS - SLAB INTO WALL TO KEEP WATER IN



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/m^2).

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 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/m^2). 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/m^2) 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.

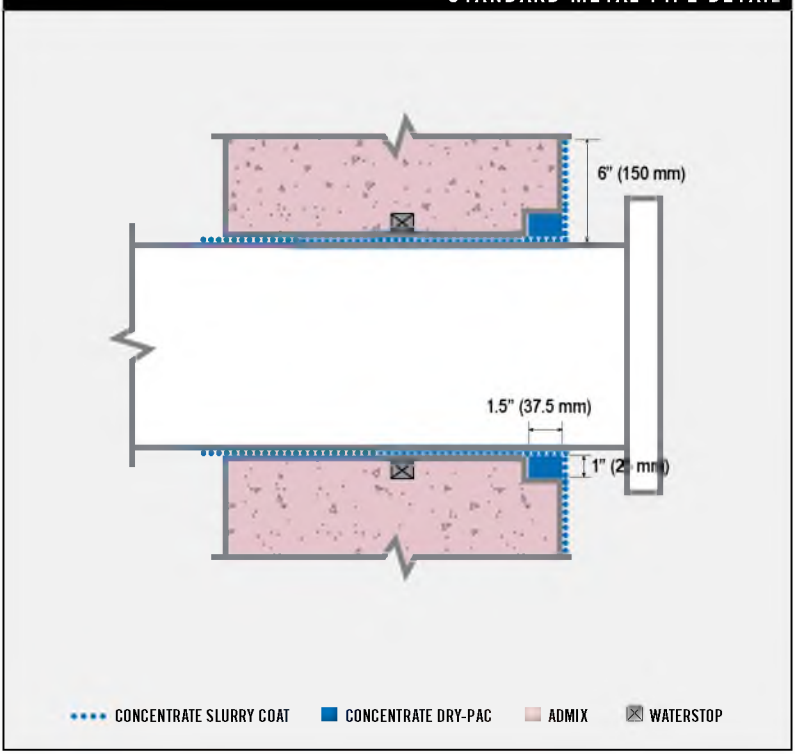
Note 1: Schematic diagram shows Xypex application and waterstops. Inclusion, type and position of waterstops are at the discretion of the designer. Expanding waterstops may be placed on Xypex after it has dried or before Xypex slurry application. Xypex slurry may only be applied over waterstop if approved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

STANDARD METAL PIPE DETAIL



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/m^2).

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.

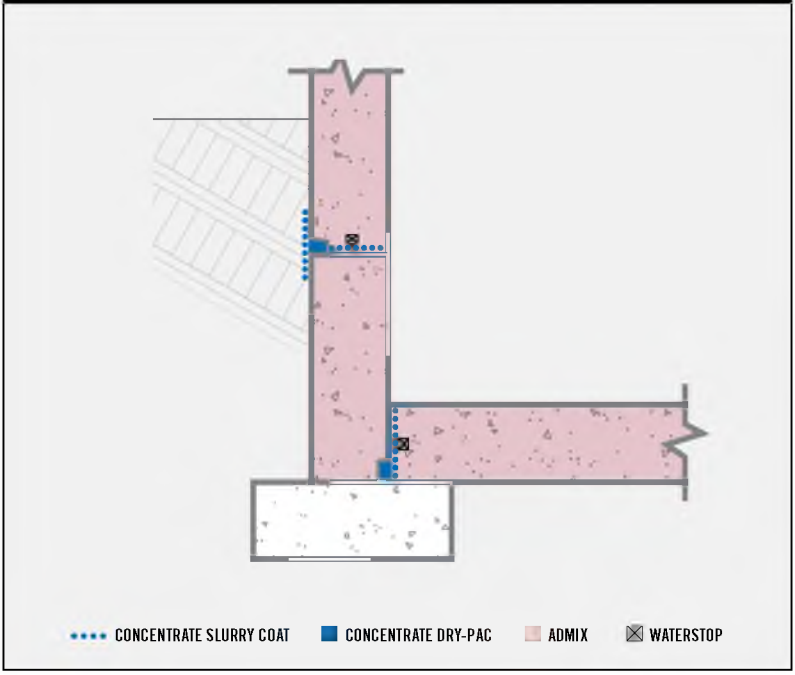
STEP 3: Clean linear groove thoroughly. Apply Xypex Concentrate slurry to the linear groove at the rate of 1.5 lb./sq.yd. (0.8 kg/m^2). Fill linear groove with Xypex Concentrate Dry-Pac and pack tightly to create the Xypex "sealing strip".

STEP 4: Apply slurry of Xypex Concentrate at 1.5 lb./sq.yd. (0.8 kg/m^2) 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 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: 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 AND SLAB – BELOW GRADE - SLAB INTO WALL



STEP 1: Between pours apply Xypex Concentrate slurry to joint surface at the rate of 2.0 lb./sq.yd. (1.0 kg/m^2).

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: 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. The linear groove is to be 1½" (37 mm) high by 1" (25 mm) deep.

STEP 4: 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 5: 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/m^2). Fill linear groove with Xypex Concentrate Dry-Pac and pack tightiy to create the Xypex "sealing strip".

STEP 6: Apply slurry of Xypex Concentrate at 2.0 lb./sq.yd. (1.0 kg/m^2) over sealing strip and extending to the full area of contact with the slab.

STEP 7: Pour slab as per step 4.

STEP 8: Apply slurry of Xypex Concentrate at 1.5 lb./sq.yd. (0.8 kg/m^2) 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.

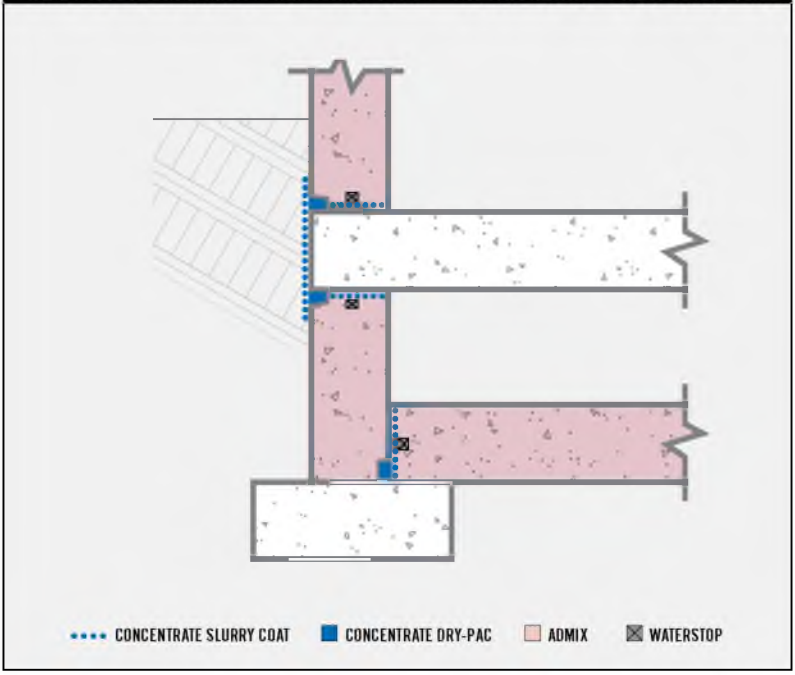
Note 2: Keyways may be incorporated into the joint design at the discretion of the designer.

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 aiternative use of Xypex Dry Shake (DS-Series) or Xypex Coatings, where applicable. Refer to Xypex Standard Specifications for more information.

SCHEMATIC DRAWINGS WITH ADMIXTURE

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



STEP 1: Between pours apply Xypex Concentrate slurry to joint surface at the rate of 2.0 lb./sq.yd. (1.0 kg/m^2).

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: 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. The linear groove is to be 1½" (37 mm) high by 1" (25 mm) deep.

STEP 4: 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 5: 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/m^2). Fill linear groove with Xypex Concentrate Dry-Pac and pack tightiy to create the Xypex "sealing strip".

STEP 6: Apply slurry of Xypex Concentrate at 2.0 lb./ sq.yd. (1.0 kg/m^2) over sealing strip and extending to the full area of contact with the slab.

STEP 7: Pour slab as per step 4.

STEP 8: Apply slurry of Xypex Concentrate at 1.5 lb./ sq.yd. (0.8 kg/m^2) over sealing strip and extending to 6" (150 mm) on either side. Coat over the entire exposed outer surface of suspended slabs. 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.

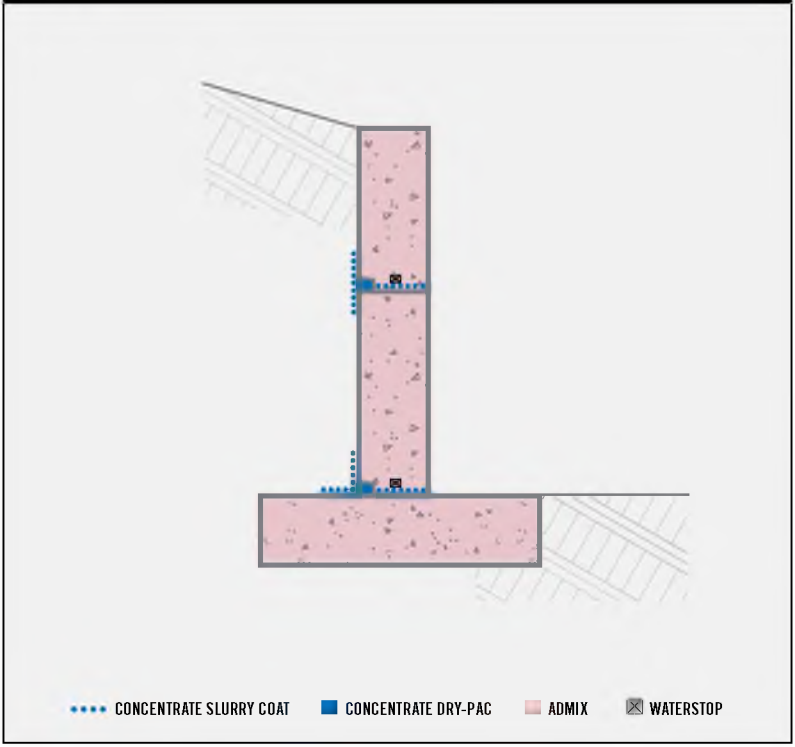
Note 2: Keyways may be incorporated into the joint design at the discretion of the designer.

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.

SCHEMATIC DRAWINGS WITH ADMIXTURE

RETAINING WALL



STEP 1: Between pours apply Xypex Concentrate slurry to joint surfaces at the rate of 2.0 lb./sq.yd. (1.0 kg/m^2).

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 linear groove thoroughly. Apply Xypex Concentrate slurry to the linear groove at the rate of 1.5 lb./sq.yd. (0.8 kg/m^2). Fill linear groove with Xypex Concentrate Dry-Pac and pack tightly to create the Xypex "sealing strip".

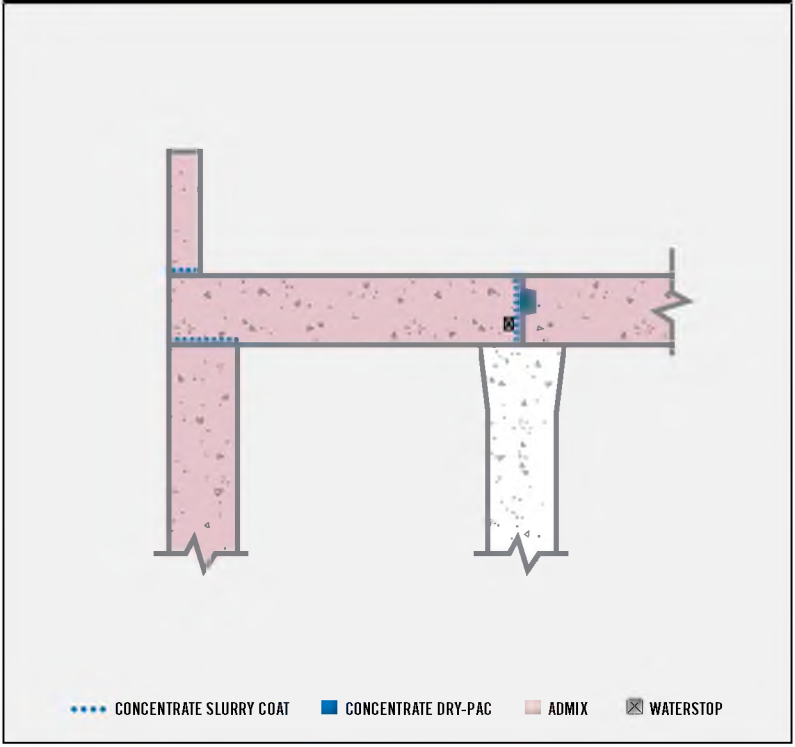
STEP 5: Apply one coat of Xypex Concentrate slurry at the rate of 1.5 lb./sq.yd. over the sealing strip and extending to 6" (150 mm) on either side. Cure for 48 - 72 hours in accordance with normal Xypex coatings curing procedures.

Note 1: Schematic diagram shows Xypex application and waterstops. Inclusion, type and position of waterstops 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.

PARKING DECK



STEP 1: Between pours apply Xypex Concentrate slurry to joint surfaces at the rate of 2.0 lb./sq.yd. (1.0 kg/m^2).

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. The linear groove is 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 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/m^2). Fill linear groove with Xypex Concentrate Dry-Pac and pack tightly to create the Xypex "sealing strip".

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

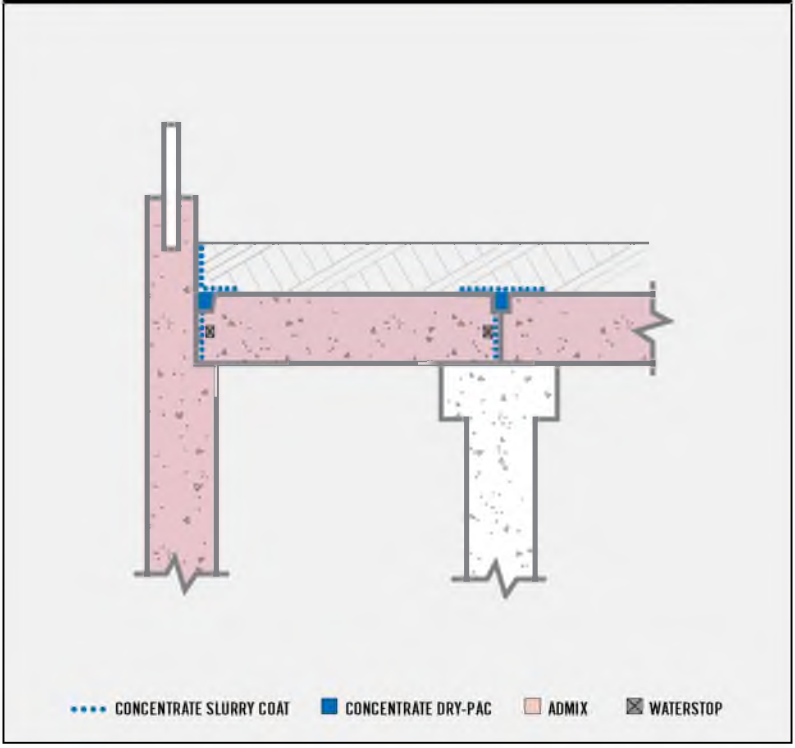
Note 2: Schematic diagram shows Xypex application and waterstops. Inclusion, type and position of waterstops are at the discretion of the designer. Expanding waterstops may be placed on Xypex after it has dried or before Xypex slurry application. Xypex slurry may only be applied over waterstop if approved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

SCHEMATIC DRAWINGS WITH ADMIXTURE

ROOF / PLAZA DECK



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/m^2).

STEP 2: Pour Xypex Admix treated concrete and cure in accordance with ACI, EN or other accepted quality concreting authority.

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. The linear groove 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/m^2). 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/m^2) 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.

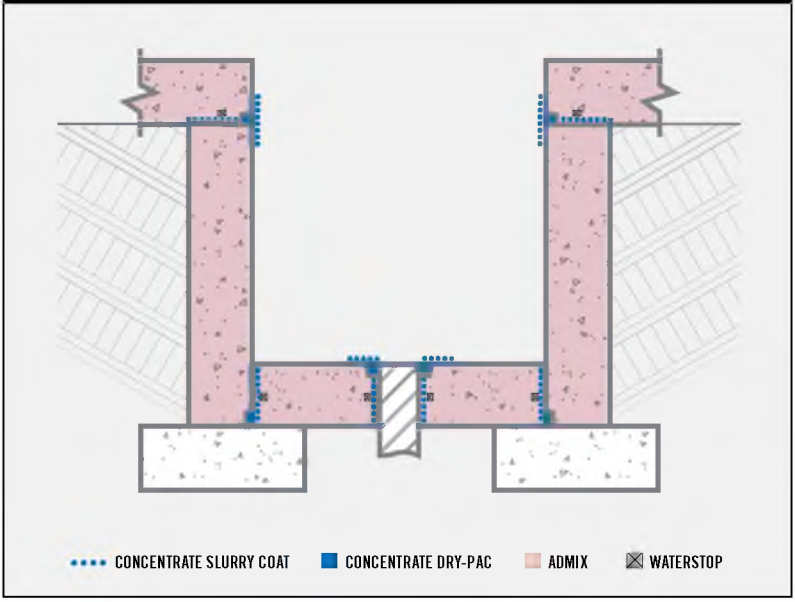
Note 1: Roof / plaza decks can be subject to variable live loads that may create movement in cracks beyond the abillty of Xypex to heal. Consuit your local Xypex Technical Representative.

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.

HYDRAULIC ELEVATOR PIT



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/m^2).

STEP 2: 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. The linear groove is to be 1½" (37 mm) high by 1" (25 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/m^2). Fill linear groove with Xypex Concentrate Dry-Pac and pack tightiy to create the Xypex "sealing strip".

STEP 5: Apply slurry of Xypex Concentrate at 2.0 lb./ sq.yd. (1.0 kg/m^2) over sealing strip and extending to the full area of contact with the slab.

STEP 6: Apply Xypex Concentrate slurry at a rate of 1.5 lb./sq.yd. (0.8 kg/m^2) to the inground cylinder casing where the concrete slab will interface with the steel cylinder.

STEP 7: Pour bottom slab. Tool around the inground cylinder to form a 1" (25 mm) wide by 1½" (37 mm) deep linear groove around the cylinder casing.

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 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/m^2). Fill linear groove with Xypex Concentrate Dry-Pac and pack tightiy to create the Xypex "sealing strip".

STEP 10: Apply Xypex Concentrate slurry at the rate of 1.5 lb./sq.yd. (0.8 kg/m^2) 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.

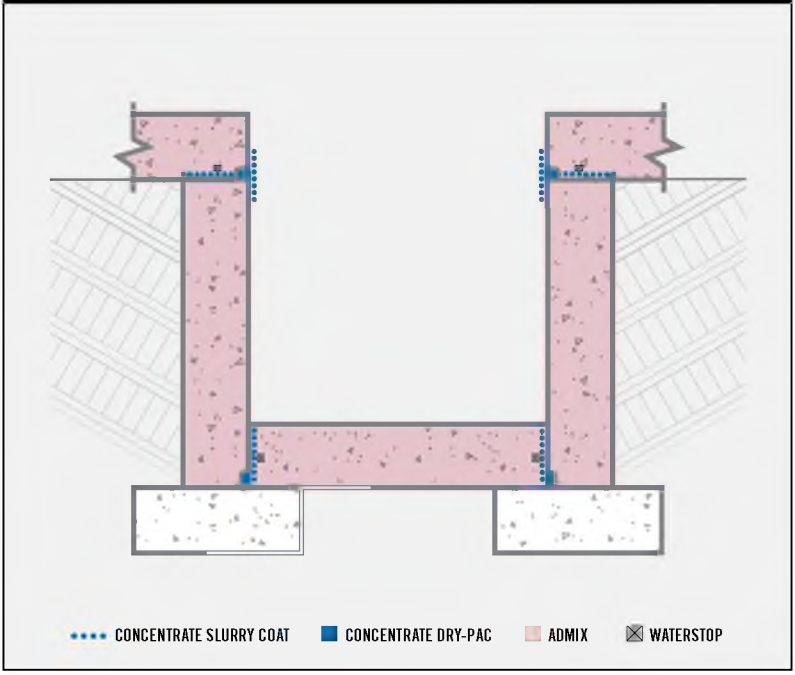
Note 1: Schematic diagram shows Xypex application and waterstops. Inclusion, type and position of waterstops are at the discretion of the designer. Expanding waterstops may be placed on Xypex after it has dried or before Xypex slurry application. Xypex slurry may only be applied over waterstop if approved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

ELEVATOR PIT / SUMP PIT



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/m^2).

STEP 2: 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. The linear groove is to be 1½" (37 mm) high by 1" (25 mm) deep.

STEP 3: Apply slurry of Xypex Concentrate at 2.0 lb./sq.yd. (1.0 kg/m^2) over sealing strip and extending to the full area of contact with the slab.

STEP 4: 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 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/m^2). Fill linear groove with Xypex Concentrate Dry-Pac and pack tightiy to create the Xypex "sealing strip".

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 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/m^2). Fill linear groove with Xypex Concentrate Dry-Pac and pack tightiy to create the Xypex "sealing strip".

STEP 8: Apply Xypex Concentrate slurry at the rate of 1.5 lb./sq.yd. (0.8 kg/m^2) 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.

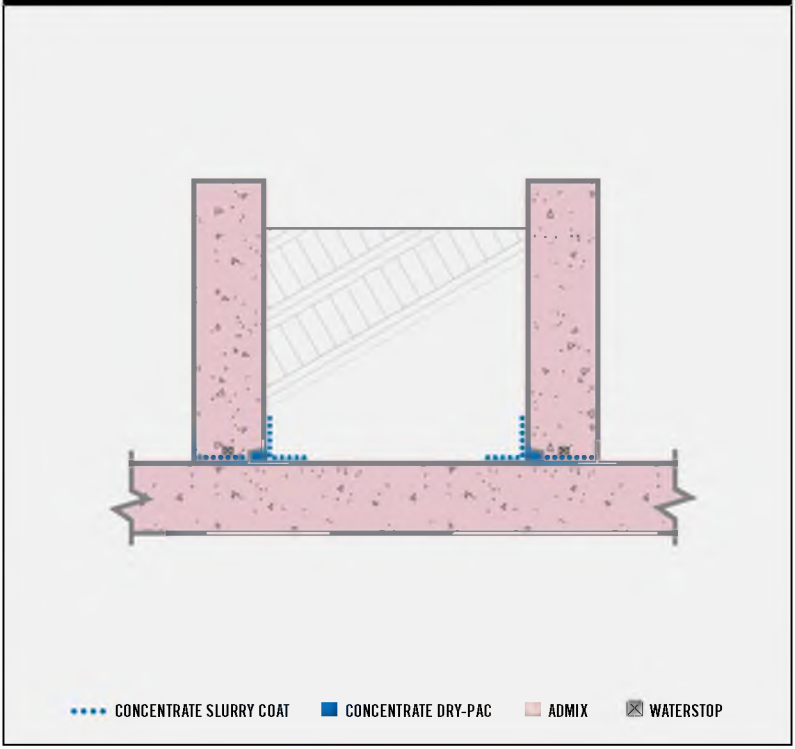
Note 1: Schematic diagram shows Xypex application and waterstops. Inclusion, type and position of waterstops are at the discretion of the designer. Expanding waterstops may be placed on Xypex after it has dried or before Xypex slurry application. Xypex slurry may only be applied over waterstop if approved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

PLANTER



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/m^2).

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. 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/m^2). 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/m^2) 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.

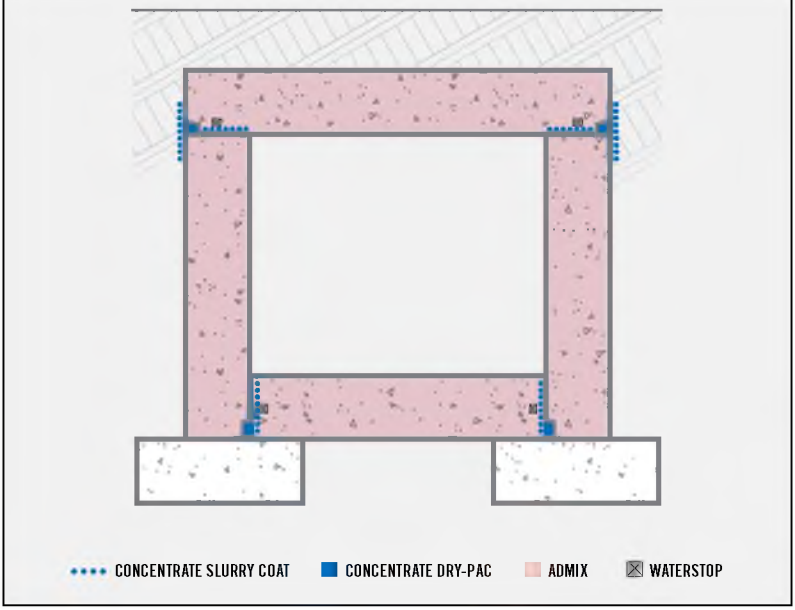
Note 1: Schematic diagram shows Xypex application and waterstops. Inclusion, type and position of waterstops are at the discretion of the designer. Expanding waterstops may be placed on Xypex after it has dried or before Xypex slurry application. Xypex slurry may only be applied over waterstop if approved 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 aiternative use of Xypex Dry Shake (DS-Series) or Xypex Coatings, where applicable. Refer to Xypex Standard Specifications for more information.

SCHEMATIC DRAWINGS WITH ADMIXTURE

TUNNEL



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/m^2).

STEP 2: 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. The linear groove is to be 1½" (37 mm) high by 1" (25 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/m^2). 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/m^2) over sealing strip and extending to the full area of contact with the slab.

STEP 6: Pour slab per Step 3.

STEP 7: 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 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/m^2). Fill linear groove with Xypex Concentrate Dry-Pac and pack tightly to create the Xypex "sealing strip".

STEP 9: Pour slab per Step 3.

STEP 10: Apply slurry of Xypex Concentrate at 1.5 lb./sq.yd. (0.8 kg/m^2) 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.

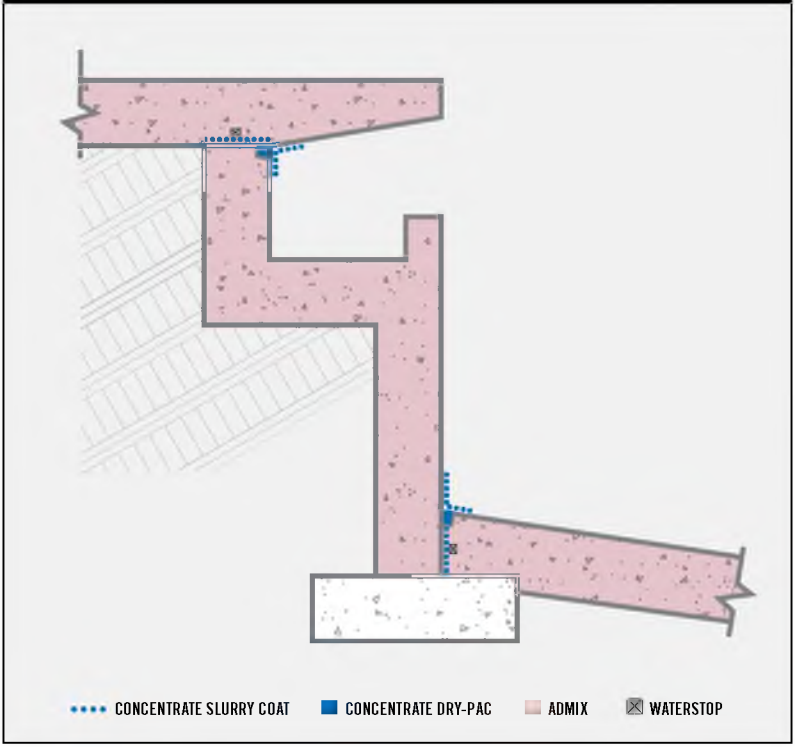
Note 2: Keyways may be incorporated into the joint design at the discretion of the designer.

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.

SCHEMATIC DRAWINGS WITH ADMIXTURE

SWIMMING POOL



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/m^2).

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/m^2). 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/m^2) 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.

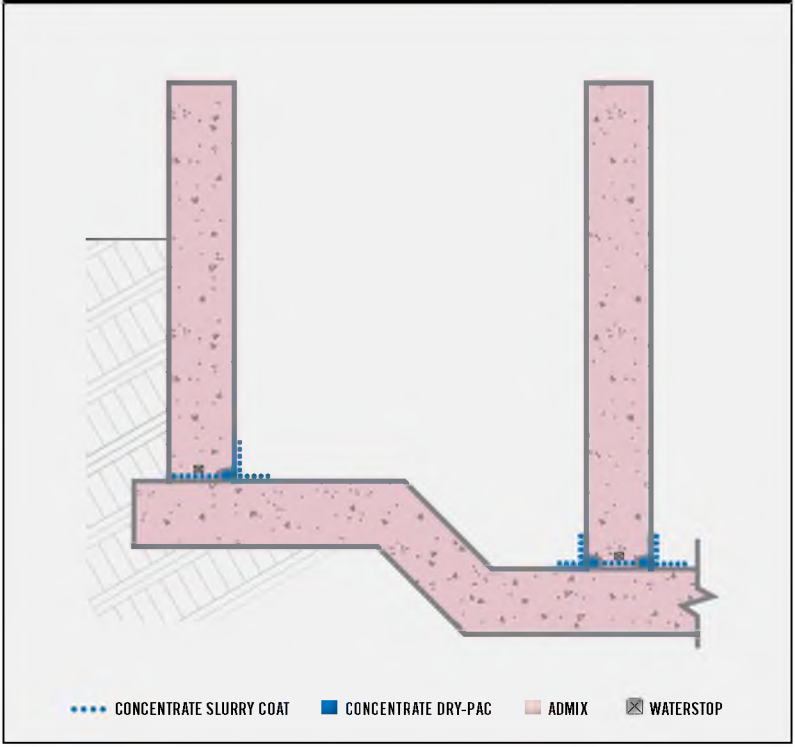
Note 1: Schematic diagram shows Xypex application and waterstops. Inclusion, type and position of waterstops are at the discretion of the designer. Expanding waterstops may be placed on Xypex after it has dried or before Xypex slurry application. Xypex slurry may only be applied over waterstop if approved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

SEWAGE PLANT CLARIFIER TANK



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/m^2).

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/m^2). Fill linear groove with Xypex Concentrate Dry-Pac and pack tightly to create the Xypex "sealing strip".

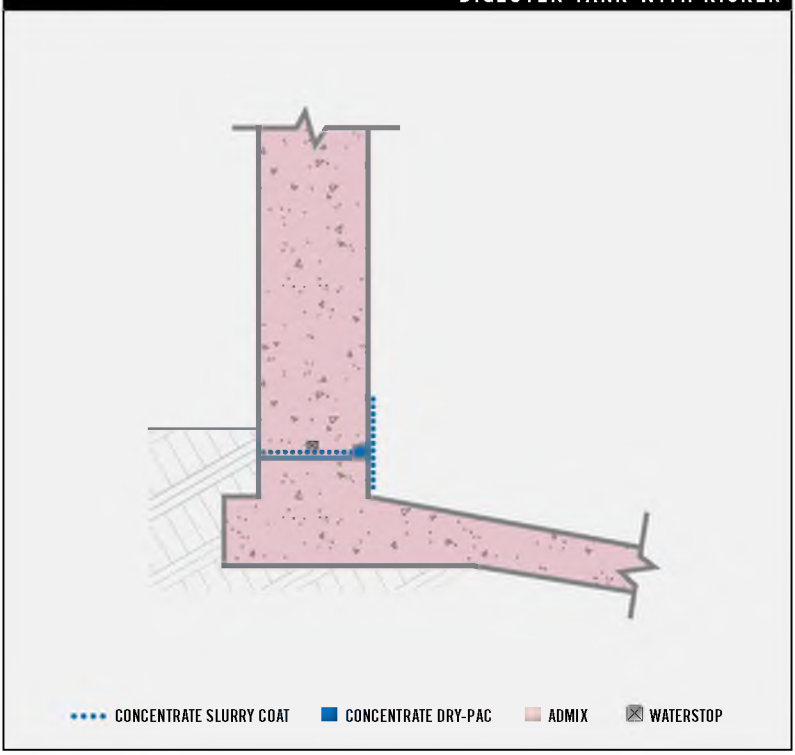
STEP 5: Apply slurry of Xypex Concentrate at 1.5 lb./sq.yd. (0.8 kg/m^2) over sealing strip and extending to 6" (150 mm) on either side. Cure for 48 - 72 hours in accordance with normal Xypex coatings curing procedures.

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.

DIGESTER TANK WITH KICKER



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/m^2).

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/m^2). Fill linear groove with Xypex Concentrate Dry-Pac and pack tightly to create the Xypex "sealing strip".

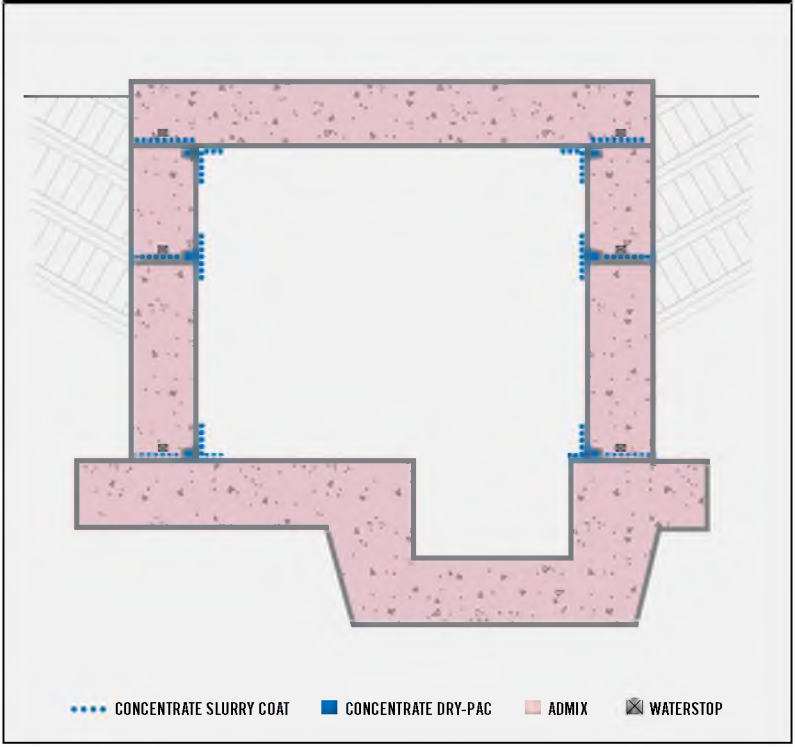
STEP 5: Apply slurry of Xypex Concentrate at 1.5 lb./sq.yd. (0.8 kg/m^2) over sealing strip and extending to 6" (150 mm) on either side. Cure for 48 - 72 hours in accordance with normal Xypex coatings curing procedures.

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.

RESERVOIR / WET WELL



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/m^2).

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/m^2). Fill linear groove with Xypex Concentrate Dry-Pac and pack tightly to create the Xypex "sealing strip".

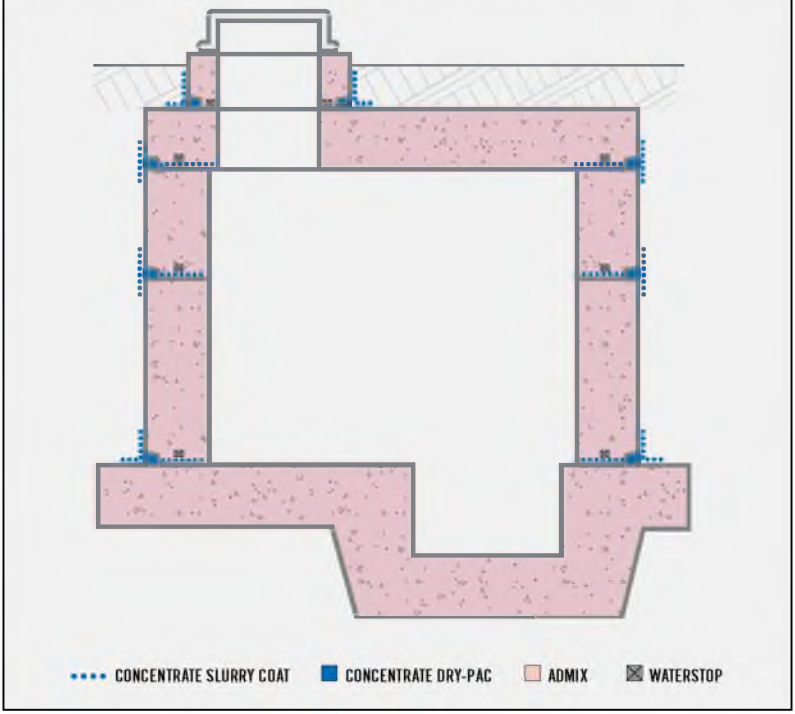
STEP 5: Apply slurry of Xypex Concentrate at 1.5 lb./sq.yd. (0.8 kg/m^2) over sealing strip and extending to 6" (150 mm) on either side. Cure for 48 - 72 hours in accordance with normal Xypex coatings curing procedures.

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



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/m^2).

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/m^2). Fill linear groove with Xypex Concentrate Dry-Pac and pack tightly to create the Xypex "sealing strip".

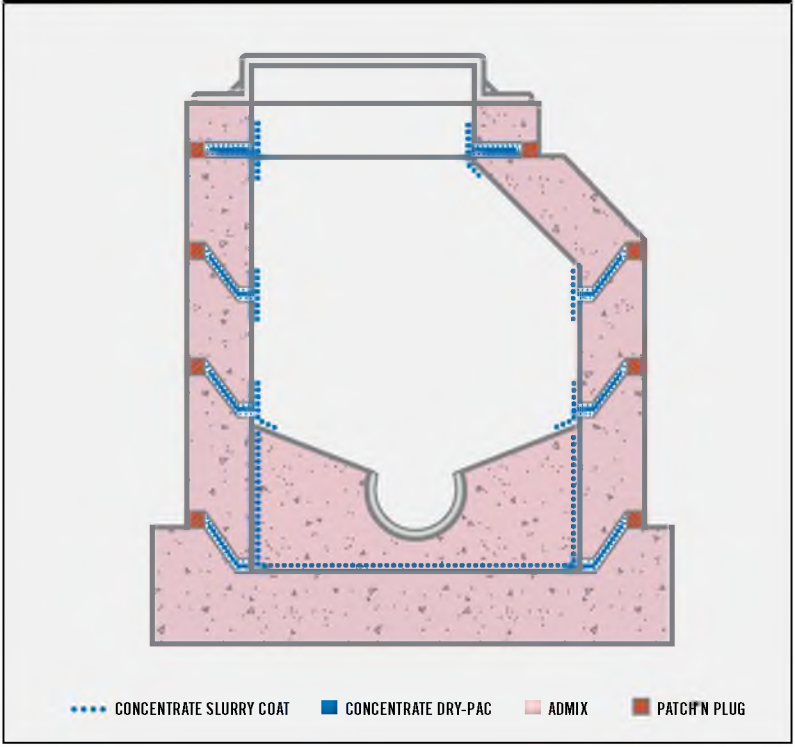
STEP 5: Apply slurry of Xypex Concentrate at 1.5 lb./sq.yd. (0.8 kg/m^2) over sealing strip and extending to 6" (150 mm) on either side. Cure for 48 - 72 hours in accordance with normal Xypex coatings curing procedures.

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 aiternative use of Xypex Dry Shake (DS-Series) or Xypex Coatings, where applicable. Refer to Xypex Standard Specifications for more information.

PRECAST CONCRETE MANHOLE



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).

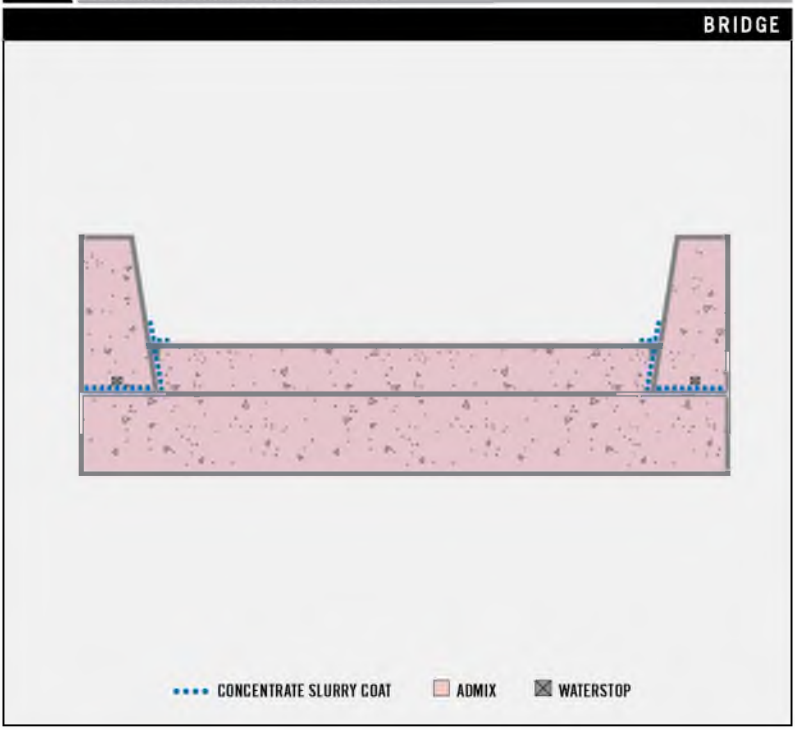
STEP 2: In the interior of the manhole, apply slurry of Xypex Concentrate to the interior gap at the rate of 1.5 lb./sq.yd. (0.8 kg/m^2) then fill gap to the surface with Xypex Concentrate in Dry-Pac form. Apply slurry of Xypex Concentrate at 1.5 lb./sq.yd. (0.8 kg/m^2) over Dry-Pac and extending to 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/m^2).

STEP 4: Place concrete invert using Xypex Admix treated concrete and cure in accordance with ACI, EN or other accepted quality concreting authority.

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.

BRIDGE



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/m^2).

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/m^2). 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/m^2) 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 abillty of Xypex to heal. Consult your local Xypex Technical 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.

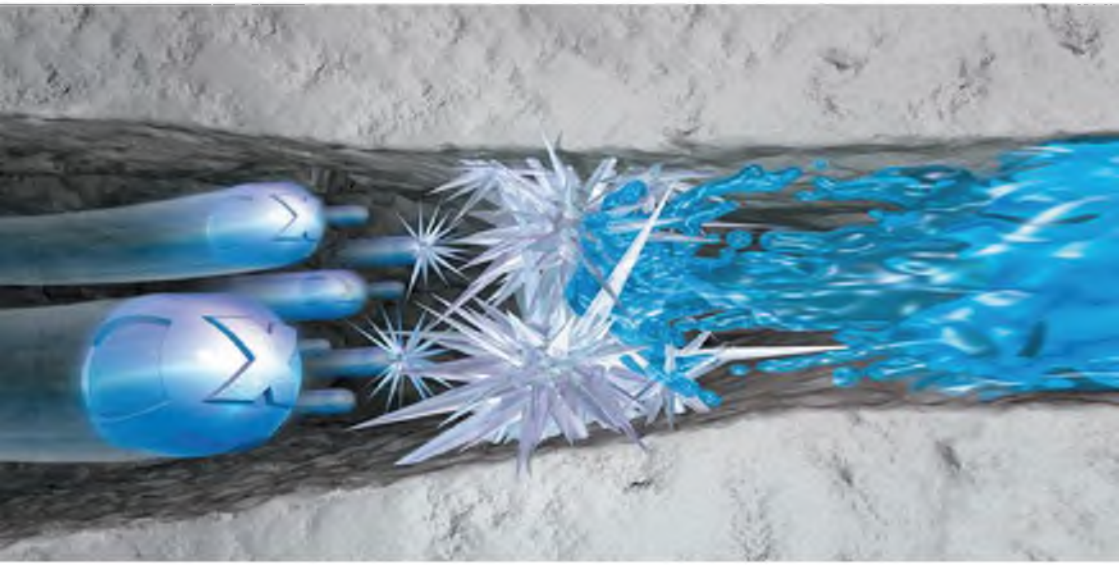
ЈАДРО
ИНЖЕНЕРИНГ

++389 78 33 22 82 ++389 78 33 22 83 info@jadroing.com.mk www.jadroing.com.mk

XYPEX®

Concrete Waterproofing
by Crystallization™

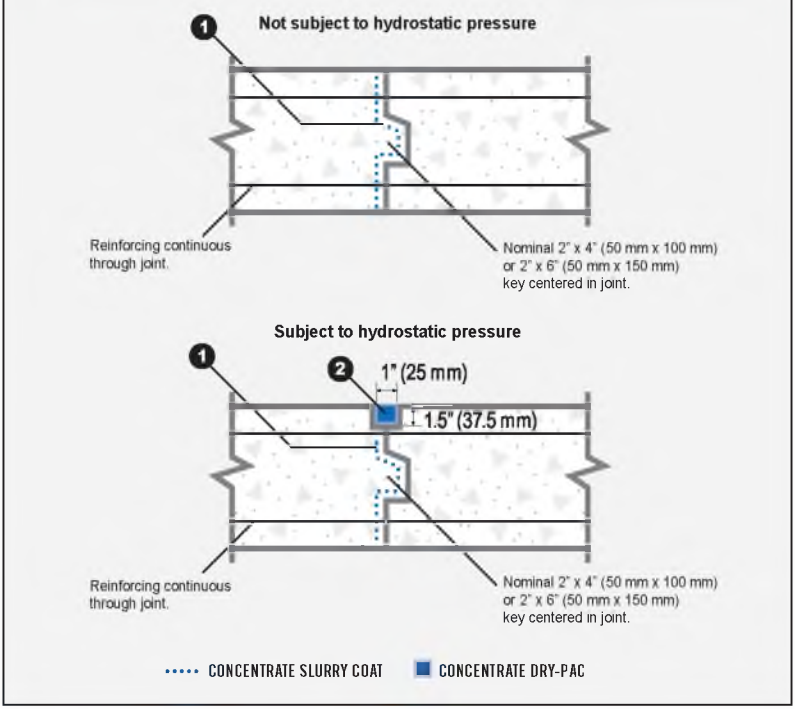
Шематски приказ за апликација на премаз XYPEX Concentrate



ЈАДРО
ИНЖЕНЕРИНГ

SCHEMATIC DRAWINGS

STANDARD CONSTRUCTION JOINT DETAILS



Walls & Slabs

Step 1 ***Joint Waterproofing:*** Clean joint thoroughly. Between pours, apply Xypex Concentrate slurry to joint surfaces at the rate of 2.0 lb./sq. yd. (1.0 kg/m^2).

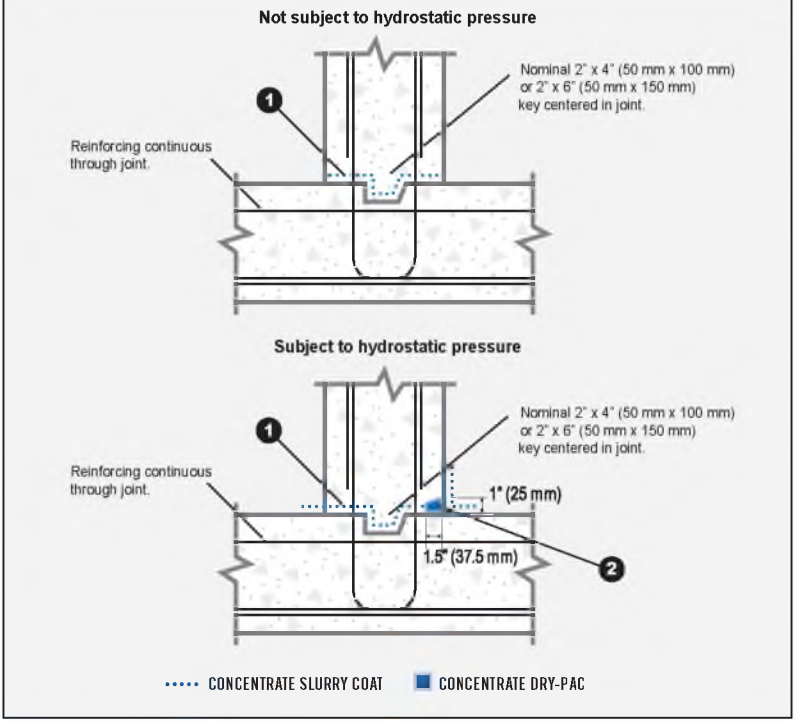
Step 2 ***Sealing Strip:*** Clean pre-formed groove thoroughly. Apply Xypex Concentrate slurry to groove at the rate of 1.5 lb./sq. yd. (0.8 kg/m^2). Fill groove with Xypex Concentrate Dry-Pac and pack tightly. Pre-formed groove may be offset to either side of joint.

Note 1: Schematic diagram shows Xypex application details only and does not depict standard requirements for waterstops or expansion joint sealants.

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), where applicable. Refer to Standard Specifications for more information.

SCHEMATIC DRAWINGS

STANDARD CONSTRUCTION JOINT DETAILS



Walls / Slab Interface

Step 1 ***Joint Waterproofing:*** Clean joint thoroughly. Between pours, apply Xypex Concentrate slurry to joint surfaces at the rate of 2.0 lb./sq. yd. (1.0 kg/m^2).

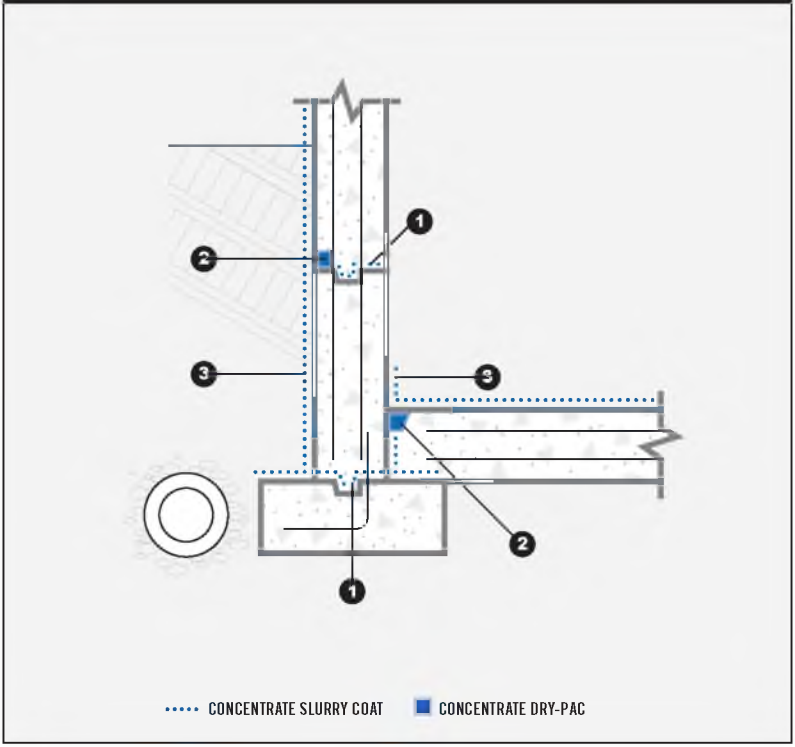
Step 2 ***Sealing Strip:*** Clean pre-formed groove thoroughly. Apply Xypex Concentrate slurry to groove at the rate of 1.5 lb./sq. yd. (0.8 kg/m^2). Fill groove with Xypex Concentrate Dry-Pac and pack tightly. Pre-formed groove may be offset to either side of joint.

Note 1: Schematic diagram shows Xypex application details only and does not depict standard requirements for waterstops or expansion joint sealants.

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), where applicable. Refer to Standard Specifications for more information.

SCHEMATIC DRAWINGS

CONCRETE WALL AND SLAB – BELOW GRADE



Step 1 Between pours, apply Xypex Concentrate slurry to joint surfaces at the rate of 2.0 lb./sq. yd. (1.0 kg/m^2).

Step 2 In sealing strip, apply one slurry coat of Xypex Concentrate at the rate of 1.5 lb./sq. yd. (0.8 kg/m^2) then fill slot to surface with Xypex Concentrate in Dry-Pac form.

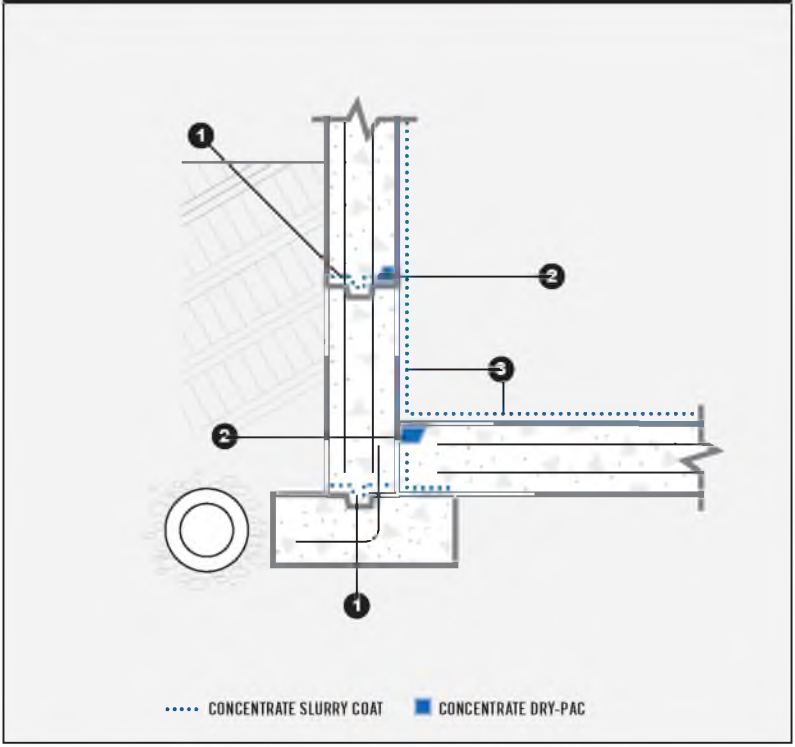
Step 3 Apply one coat of Xypex Concentrate to wall and slab surfaces as indicated at the rate of 1.5 lb./sq. yd. (0.8 kg/m^2).

Where poor drainage conditions exist or high hydrostatic pressures are anticipated, also apply a coat of Xypex Modified to wall and slab surfaces at the rate of 1.25 - 1.5 lb./sq. yd. (0.65 - 0.8 kg/m^2).

Note 1: Schematic diagram shows Xypex application details only and does not depict standard requirements for waterstops or expansion joint sealants.

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), where applicable. Refer to Standard Specifications for more information.

FOUNDATION WALL – INSIDE APPLICATION



Step 1 Between pours, apply Xypex Concentrate slurry to joint surfaces at the rate of 2.0 lb./sq. yd. (1.0 kg/m^2).

Step 2 In sealing strip, apply one slurry coat of Xypex Concentrate at the rate of 1.5 lb./sq. yd. (0.8 kg/m^2), then fill slot to surface with Xypex Concentrate in Dry-Pac form.

Step 3 Apply one slurry coat of Xypex Concentrate to wall and slab surfaces as indicated at the rate of 1.5 lb./sq. yd. (0.8 kg/m^2).

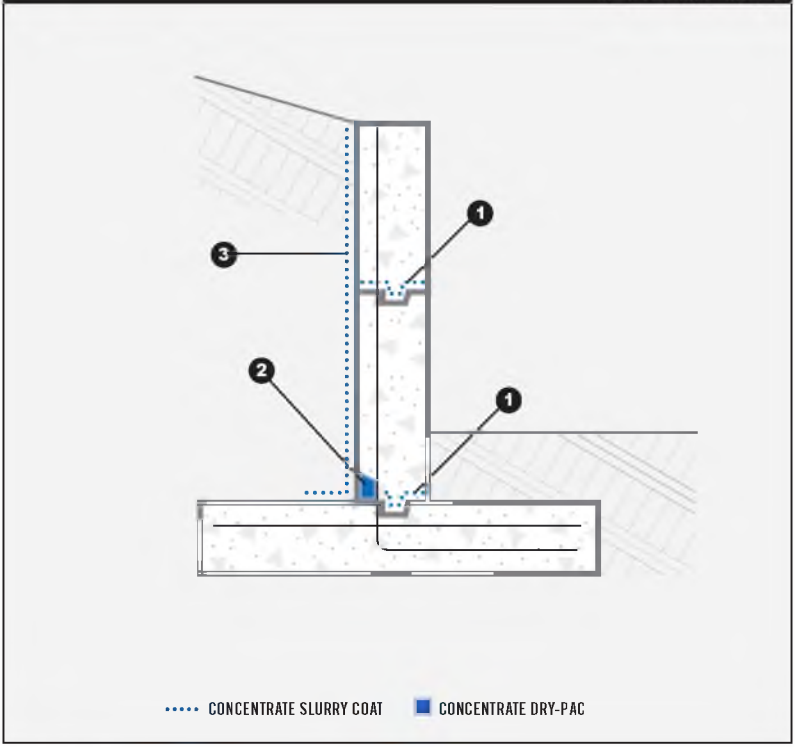
Where poor drainage condifions exist or high hydrostatic pressures are anticipated, also apply a coat of Xypex Modified to wall and slab surfaces at the rate of 1.25 - 1.5 lb./sq. yd. (0.65 - 0.8 kg/m^2).

Note 1: Schematic diagram shows Xypex application details only and does not depict standard requirements for waterstops or expansion joint sealants.

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), where applicable. Refer to Standard Specifications for more information.

SCHEMATIC DRAWINGS

RETAINING WALL



Step 1 Between pours, apply Xypex Concentrate slurry to joint surfaces at the rate of 2.0 lb./sq. yd. (1.0 kg/m^2).

Step 2 In sealing strip, apply one slurry coat of Xypex Concentrate at the rate of 1.5 lb./sq. yd. (0.8 kg/m^2), then fill slot to surface with Xypex Concentrate in Dry-Pac form.

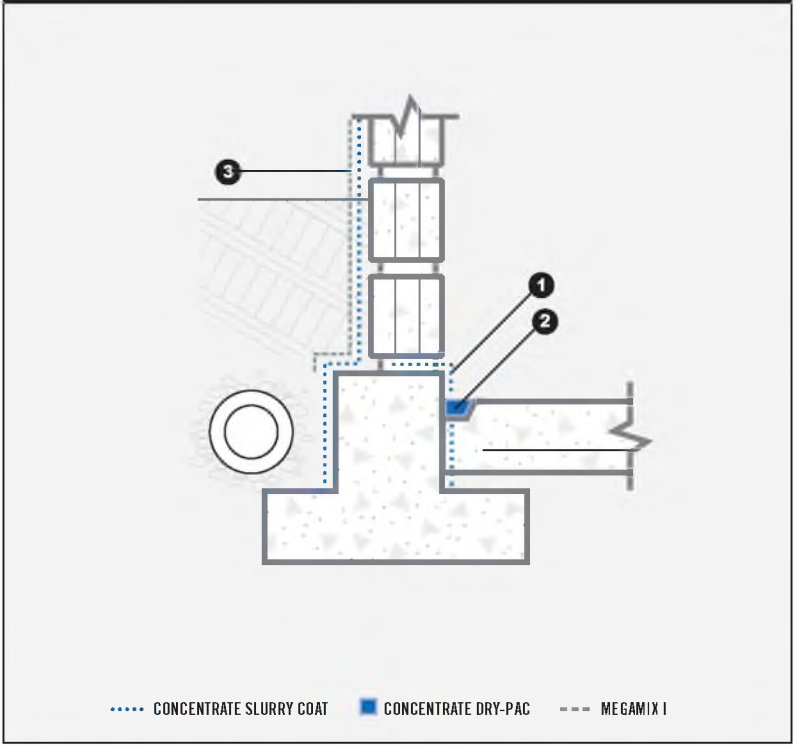
Step 3 Apply one coat of Xypex Concentrate to wall face and over sealing strip at the rate of 1.5 lb./sq. yd. (0.8 kg/m^2).

Note 1: Schematic diagram shows Xypex application details only and does not depict standard requirements for waterstops or expansion joint sealants.

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), where applicable. Refer to Standard Specifications for more information.

SCHEMATIC DRAWINGS

CONCRETE BLOCK WALL – BELOW GRADE – EXTERIOR APPLICATION



Step 1 Prior to placement of the concrete wall and slab, apply one slurry coat of Xypex Concentrate to joint surfaces at the rate of 2 lb./sq. yd. (1 kg/m^2).

Step 2 In sealing strip, apply one slurry coat of Xypex Concentrate at the rate of 1.5 lb/sq. yd. (0.8 kg/m^2), then fill slot to surface with Xypex Concentrate in Dry-Pac form.

Step 3 To exterior wall surface and footing apply one coat of Xypex Concentrate at the rate of 2.0 lb./sq. yd. (1.0 kg/m^2). After the Concentrate has set but while it is still "green", apply a coat of Xypex Megamix I at the rate of 11.25 lb./sq. yd. (5.5 kg/m^2).

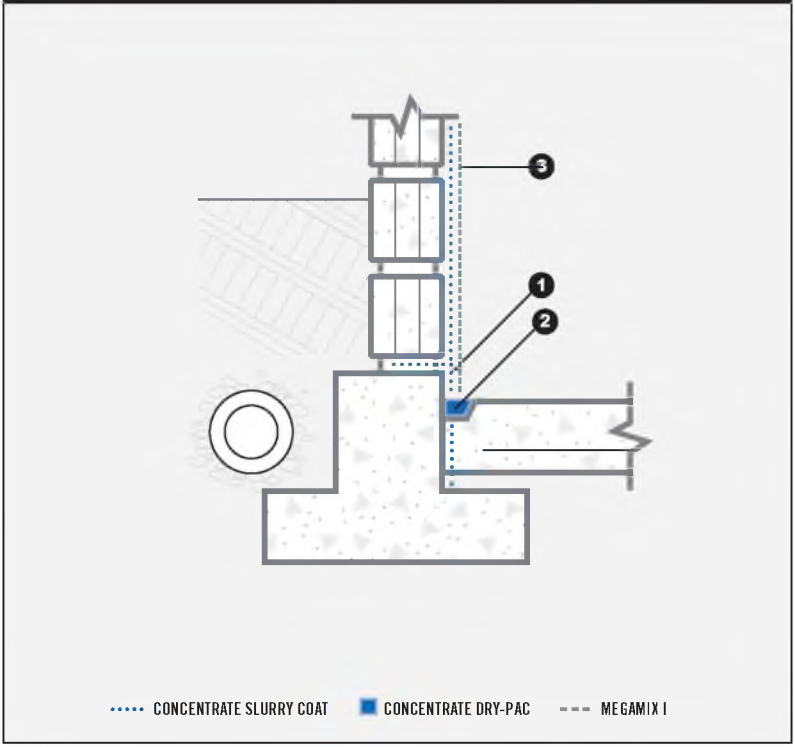
Note: Because of the variances in the quality of concrete block (e.g. cement, content, porosity, etc.), please consult your Xypex technical representative.

Schematic diagram shows Xypex coatings application only and does not depict the standard requirements for waterstops, expansion joint sealants, or pointing repairs that may be required.

Refer to Standard Specifications for further information.

SCHEMATIC DRAWINGS

CONCRETE BLOCK WALL – BELOW GRADE – INSIDE APPLICATION



Step 1 Prior to placement of the concrete wall and slab, apply one slurry coat of Xypex Concentrate to joint surfaces at the rate of 2 lb./sq. yd. (1 kg/m^2).

Step 2 In sealing strip, apply one slurry coat of Xypex Concentrate at the rate of 1.5 lb/sq. yd. (0.8 kg/m^2), then fill slot to surface with Xypex Concentrate in Dry-Pac form.

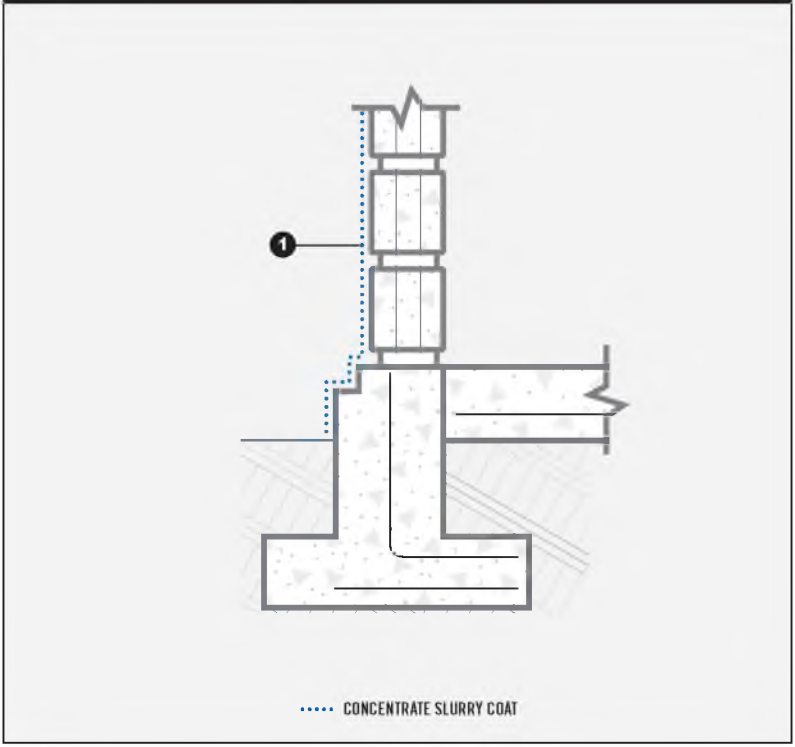
Step 3 To inside wall surface apply one coat of Xypex Concentrate at the rate of 2.0 lb./sq. yd. (1.0 kg/m^2). After the Concentrate has set but while it is still "green", apply a coat of Xypex Megamix I at the rate of 11.25 lb./sq. yd. (5.5 kg/m^2).

Note: Because of the variances in the quality of concrete block (e.g. cement, content, porosity, etc.), please consult your Xypex technical representative.

Schematic diagram shows Xypex coatings application only and does not depict the standard requirements for waterstops, expansion joint sealants, or pointing repairs that may be required.

Refer to Standard Specifications for further information.

CONCRETE BLOCK WALL – ABOVE GRADE – EXTERIOR APPLICATION



Step 1 Apply one slurry coat of Xypex Concentrate at the rate of 1.5 lb./sq. yd. (0.8 kg/m^2). Coating should extend to ground level. Where poor quality block is encountered, a second coat of Xypex Concentrate should be applied at the rate of 1.25 - 1.5 lb./sq. yd. (0.65 - 0.8 kg/m^2).

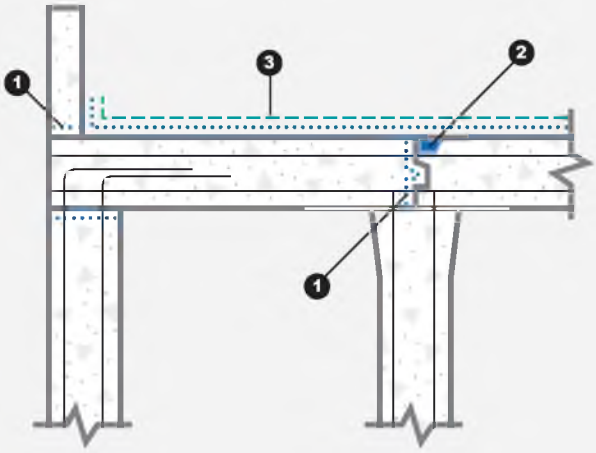
Wall sections should be defined before application and each of these sections should be completed during the same day to obtain maximum uniformity in appearance.

Because of the variances in the quality of concrete block (e.g. cement content, porosity, etc.), please consult your Xypex technical representative.

Note 1: Schematic diagram shows Xypex application details only and does not depict standard requirements for waterstops or expansion joint sealants.

Note 2: Schematic drawing shows Xypex Coating application. Specifier may consider the alternative use of Xypex Dry Shake (DS-Series), Xypex Additive (Admix C-Series) or Xypex Megamix I, where applicable. Refer to Standard Specifications for more information.

PARKING DECK



CONCENTRATE SLURRY COAT CONCENTRATE DRY-PAC MODIFIED SLURRY COAT

Step 1 Between pours, apply Xypex Concentrate slurry to all joint surfaces at the rate of 2.0 lb./sq. yd. (1.0 kg/m^2).

Step 2 In sealing strip, apply one coat of Xypex Concentrate at the rate of 1.5 lb./sq. yd. (0.8 kg/m^2), then till slot to surface with Xypex Concentrate in Dry-Pac form.

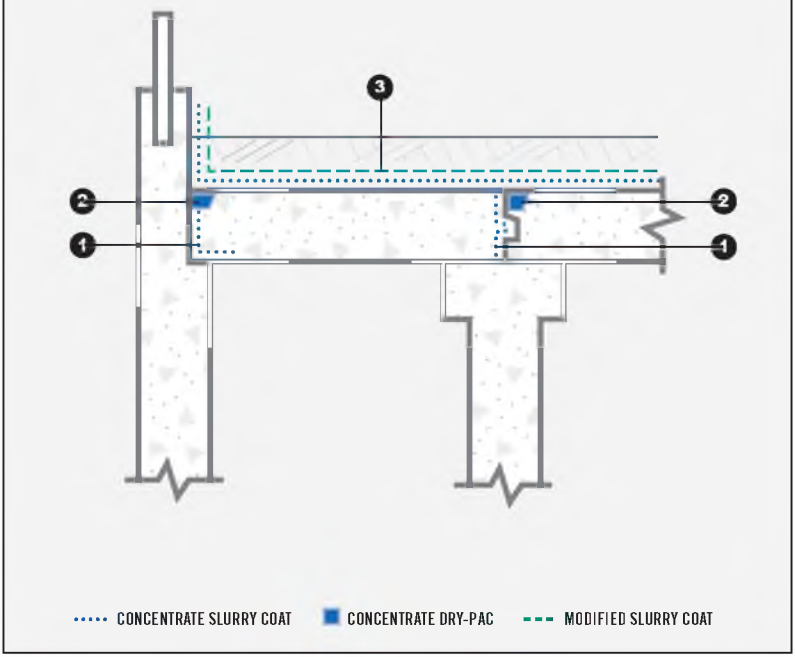
Step 3 To slab, apply one coat of Xypex Concentrate at the rate of 1.25 - 1.5 lb./sq. yd. (0.65 - 0.8 kg/m^2). After the Concentrate has set but while it is still "green", apply a coat of Xypex Modified at the rate of 1.25 - 1.5 lb./sq. yd. (0.65 - 0.8 kg/m^2).

Note 1: Schematic diagram shows Xypex application details only and does not depict standard requirements for waterstops or expansion joint sealants.

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), where applicable. Refer to Standard Specifications for more information.

SCHEMATIC DRAWINGS

ROOF / PLAZA DECK



Step 1 Between pours, apply Xypex Concentrate slurry to all joint surfaces at the rate of 2.0 lb./sq. yd. (1.0 kg/m^2).

Step 2 In sealing strip, apply one coat of Xypex Concentrate at the rate of 1.5 lb./sq. yd. (0.8 kg/m^2), then fill slot to surface with Xypex Concentrate in Dry-Pac form.

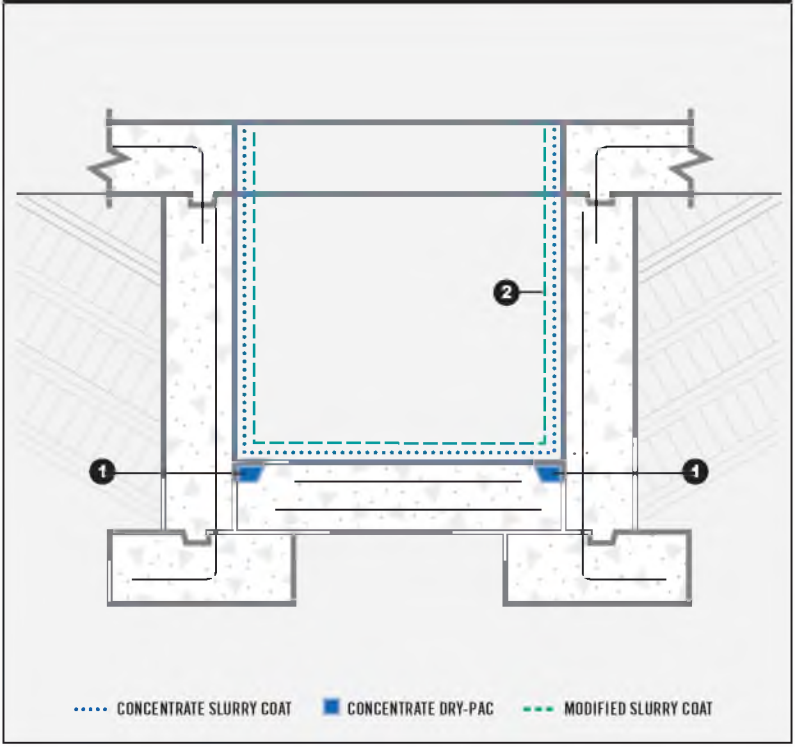
Step 3 To slab and adjacent curb wall apply one coat of Xypex Concentrate at the rate of 1.25 - 1.5 lb./sq. yd. (0.65 - 0.8 kg/m^2). After the Concentrate has set but while it is still "green", apply a coat of Xypex Modified at the rate of 1.25 - 1.5 lb./sq. yd. (0.65 - 0.8 kg/m^2).

Use appropriate material for protection against sudden thermal changes.

Note 1: Schematic diagram shows Xypex application details only and does not depict standard requirements for waterstops or expansion joint sealants.

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), where applicable. Refer to Standard Specifications for more information.

ELEVATOR PIT / SUMP PIT



Step 1 In sealing strip, apply one coat of Xypex Concentrate at the rate of 1.5 lb./sq. yd. (0.8 kg/m^2), then fill slot to surface with Xypex Concentrate in Dry-Pac form.

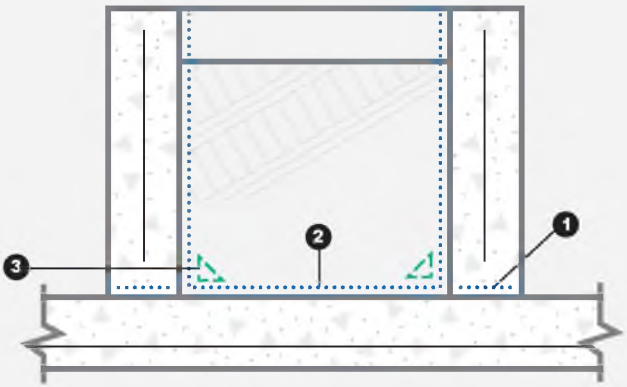
Step 2 Apply one slurry coat of Xypex Concentrate to walls and floor slab at a rate of 1.25 - 1.5 lb./sq. yd. (0.65 - 0.8 kg/m^2). After the Concentrate has set but while it is still "green", apply a coat of Xypex Modified at the rate of 1.25 - 1.5 lb./sq. yd. (0.65 - 0.8 kg/m^2).

For hydraulic elevators, please contact your Xypex representative for detail drawings.

Note 1: Schematic diagram shows Xypex application details only and does not depict standard requirements for waterstops or expansion joint sealants.

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), where applicable. Refer to Standard Specifications for more information.

PLANTER



CONCENTRATE SLURRY COAT MODIFIED SLURRY COAT

Step 1 Between pours, apply Xypex Concentrate slurry to all joint surfaces at the rate of 2.0 lb./sq. yd. (1.0 kg/m^2).

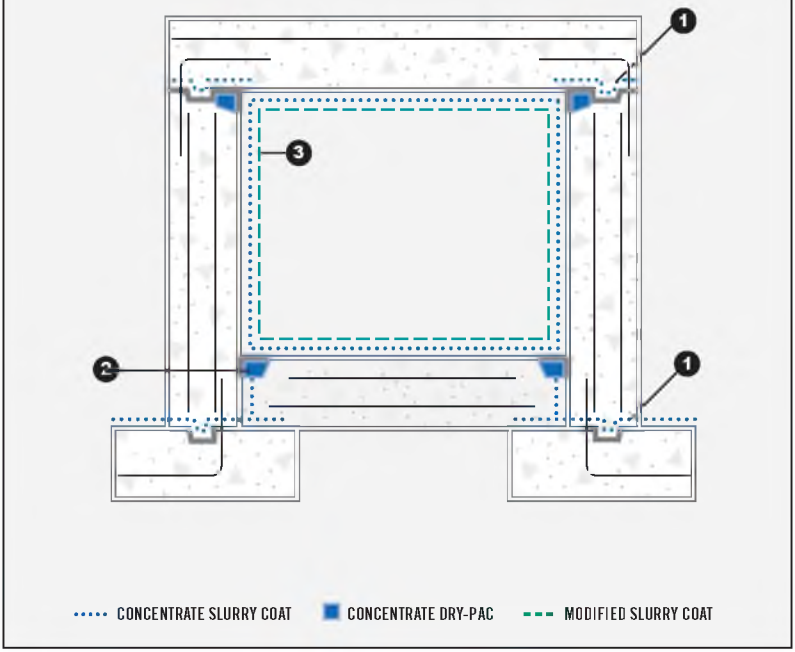
Step 2 Apply one slurry coat of Xypex Concentrate at the rate of 1.5 lb./sq. yd. (0.8 kg/m^2) to all interior wall and floor surfaces.

Step 3 After slurry coat has set but while it is still "green", apply a cove strip of Xypex Modified mortar over interior slab/wall construction joint.

Note 1: Schematic diagram shows Xypex application details only and does not depict standard requirements for waterstops or expansion joint sealants.

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), where applicable. Refer to Standard Specifications for more information.

TUNNEL



Step 3 Between pours, apply Xypex Concentrate slurry to all joint surfaces at the rate of 2.0 lb./sq. yd. (1.0 kg/m^2).

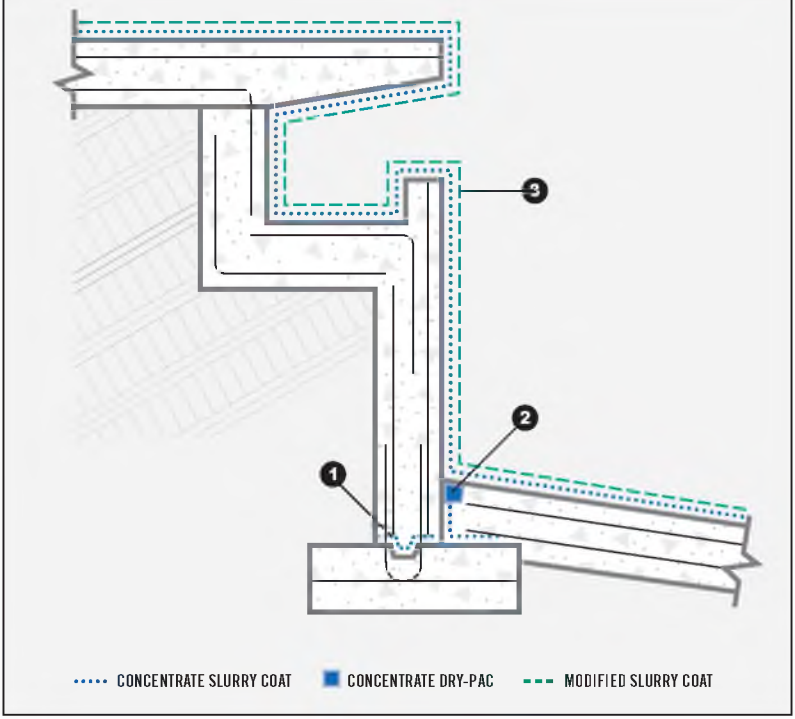
Step 3 In sealing strip, apply one coat of Xypex Concentrate at the rate of 1.5 lb./sq. yd. (0.8 kg/m^2), then fill slot to surface with Xypex Concentrate in Dry-Pac form.

Step 3 To all ceiling, wall, and floor surfaces, apply one slurry coat of Xypex Concentrate at the rate of 1.25 - 1.5 lb./sq. yd. (0.65 - 0.8 kg/m^2). After the Concentrate has set but while it is still "green", apply a coat of Xypex Modified at the rate of 1.25 - 1.5 lb./sq. yd. (0.65 - 0.8 kg/m^2).

Note 1: Schematic diagram shows Xypex application details only and does not depict standard requirements for waterstops or expansion joint sealants.

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), where applicable. Refer to Standard Specifications for more information.

SWIMMING POOL



Step 1 Between pours, apply Xypex Concentrate slurry to all joint surfaces at the rate of 2.0 lb./sq. yd. (1.0 kg/m^2).

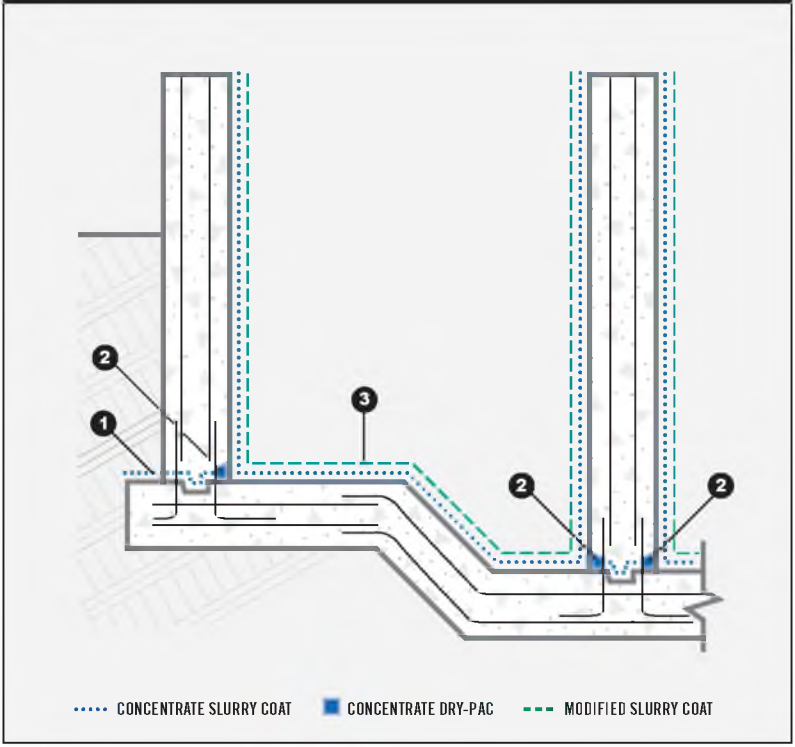
Step 2 In sealing strip, apply one slurry coat of Xypex Concentrate at the rate of 1.5 lb./sq. yd. (0.8 kg/m^2), then fill slot to surface with Xypex Concentrate in Dry-Pac form.

Step 3 To pool deck and all interior wall and floor surfaces, apply one slurry coat of Xypex Concentrate at a rate of 1.25 - 1.5 lb./sq. yd. (0.65 - 0.8 kg/m^2). After the Concentrate has set but while it is still "green", apply a coat of Xypex Modified at a rate of 1.25 - 1.5 lb./sq. yd. (0.65 - 0.8 kg/m^2). In new construction, Xypex Concentrate DS-1 or Xypex Admix is recommended for pool deck and floor surfaces. Please refer to product data sheets.

Note 1: Schematic diagram shows Xypex application details only and does not depict standard requirements for waterstops or expansion joint sealants.

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), where applicable. Refer to Standard Specifications for more information.

SEWAGE PLANT CLARIFIER TANK



Step 1 Between pours, apply Xypex Concentrate slurry to all joint surfaces at the rate of 2.0 lb./sq. yd. (1.0 kg/m^2).

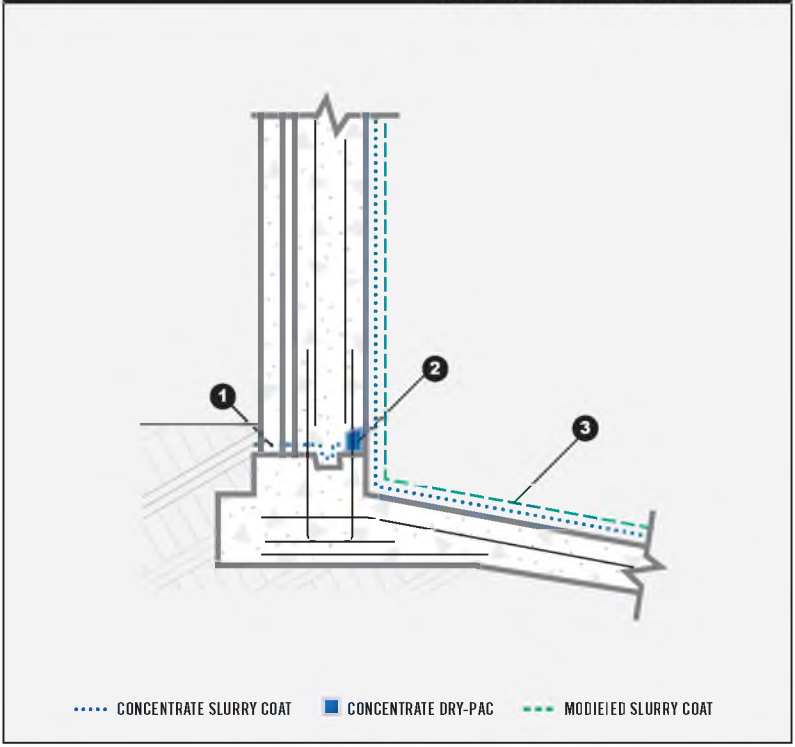
Step 2 In sealing strip, apply one coat of Xypex Concentrate at the rate of 1.5 lb./sq. yd. (0.8 kg/m^2), then fill slot to surface with Xypex Concentrate in Dry-Pac form.

Step 3 To all ceiling, wall, and floor surfaces, apply one slurry coat of Xypex Concentrate at the rate of 1.25 - 1.5 lb./sq. yd. (0.65 - 0.8 kg/m^2). After the Concentrate has set, but while it is still "green", apply a coat of Xypex Modified at the rate of 1.25 - 1.5 lb./sq. yd. (0.65 - 0.8 kg/m^2).

Note 1: Schematic diagram shows Xypex application details only and does not depict standard requirements for waterstops or expansion joint sealants.

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), where applicable. Refer to Standard Specifications for more information.

SEWAGE PLANT DIGESTER TANK



Step 1 Between pours, apply Xypex Concentrate slurry to all joint surfaces at the rate of 2.0 lb./sq. yd. (1.0 kg/m^2).

Step 2 In sealing strip, apply one coat of Xypex Concentrate at the rate of 1.5 lb./sq. yd. (0.8 kg/m^2), then fill slot to surface with Xypex Concentrate in Dry-Pac form.

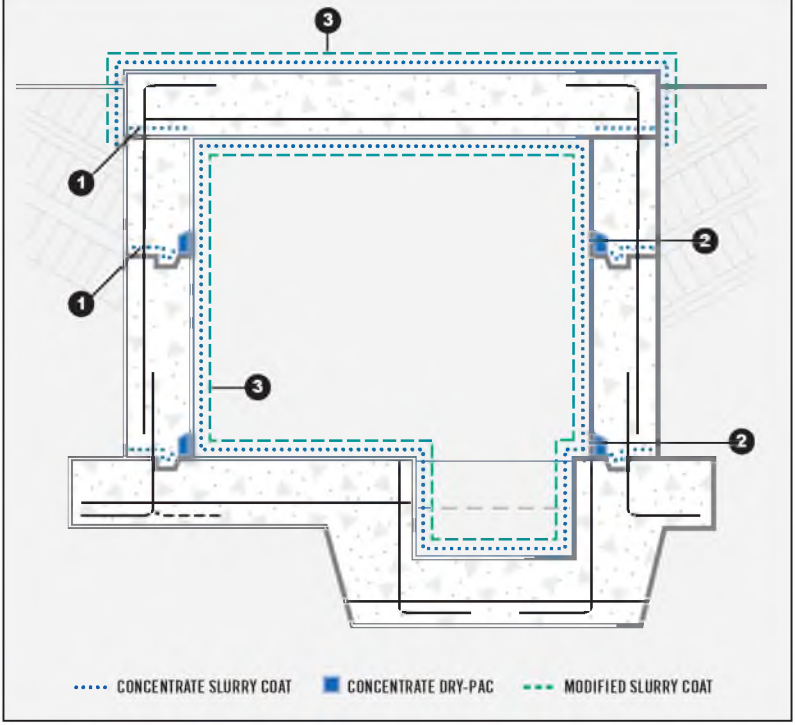
Step 3 To all wall and slab surfaces, apply one slurry coat of Xypex Concentrate at the rate of 1.25 - 1.5 lb./sq. yd. (0.65 - 0.8 kg/m^2). After the Concentrate has set, but while it is still "green", apply a coat of Xypex Modified at the rate of 1.25 - 1.5 lb./sq. yd. (0.65 - 0.8 kg/m^2).

Note 1: Schematic diagram shows Xypex application details only and does not depict standard requirements for waterstops or expansion joint sealants.

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), where applicable. Refer to Standard Specifications for more information.

SCHEMATIC DRAWINGS

RESERVOIR / WET WELL



Step 1 Between pours, apply Xypex Concentrate slurry to all joint surfaces at the rate of 2.0 lb./sq. yd. (1.0 kg/m^2).

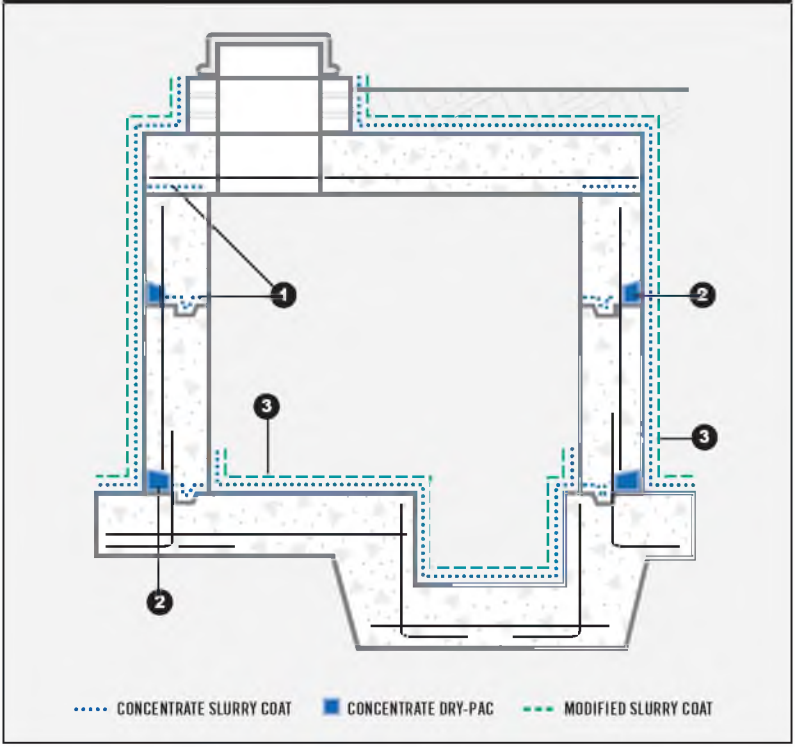
Step 2 In sealing strip, apply one coat of Xypex Concentrate at the rate of 1.5 lb./sq. yd. (0.8 kg/m^2), then fill slot to surface with Xypex Concentrate in Dry-Pac form.

Step 2 To interior walls, slab and exterior of roof area, apply one slurry coat of Xypex Concentrate at the rate of 1.25 - 1.5 lb./sq. yd. (0.65 - 0.8 kg/m^2). After the Concentrate has set, but while it is still "green", apply a coat of Xypex Modified at the rate of 1.25 - 1.5 lb./sq. yd. (0.65 - 0.8 kg/m^2).

Note 1: Schematic diagram shows Xypex application details only and does not depict standard requirements for waterstops or expansion joint sealants.

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), where applicable. Refer to Standard Specifications for more information.

UNDERGROUND VAULT / DRY WELL



Step 1 Between pours, apply Xypex Concentrate slurry to all joint surfaces at the rate of 2.0 lb./sq. yd. (1.0 kg/m^2).

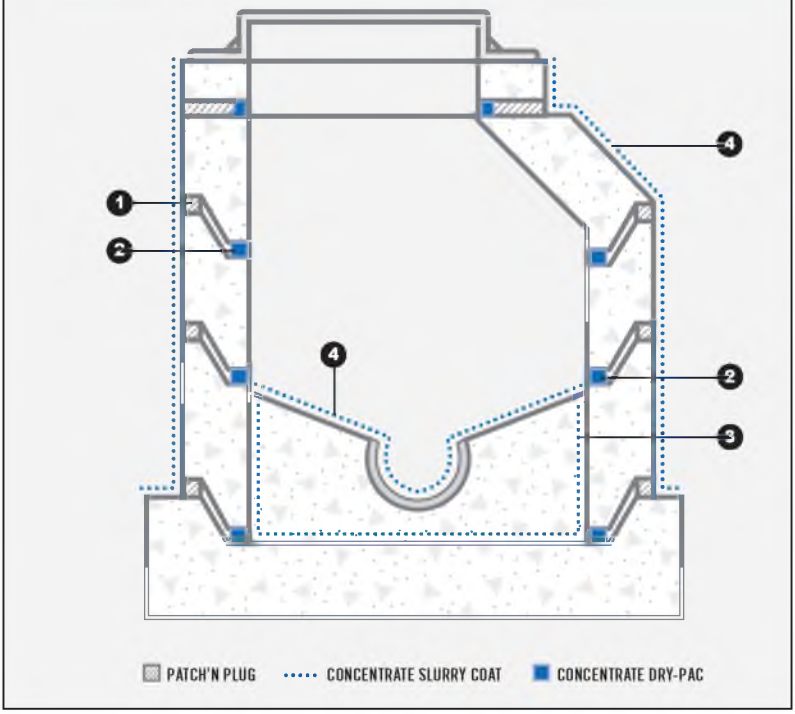
Step 2 In sealing strip, apply one coat of Xypex Concentrate at the rate of 1.5 lb./sq. yd. (0.8 kg/m^2), then fill slot to surface with Xypex Concentrate in Dry-Pac form.

Step 3 To interior floor areas and exterior walls and roof, apply one slurry coat of Xypex Concentrate at the rate of 1.25 - 1.5 lb./sq. yd. (0.65 - 0.8 kg/m^2). After the Concentrate has set, but while it is still "green", apply a coat of Xypex Modified at the rate of 1.25 - 1.5 lb./sq. yd. (0.65 - 0.8 kg/m^2).

Note 1: Schematic diagram shows Xypex application details only and does not depict standard requirements for waterstops or expansion joint sealants.

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), where applicable. Refer to Standard Specifications for more information.

PRECAST CONCRETE MANHOLE



Step 1 Place block in joints to allow 0.5 - 0.75 in. (13 - 19 mm) gap between precast sections. Fill exterior gap with Xypex Patch'n Plug grout.

Step 2 Apply one slurry coat of Xypex Concentrate to the interior gap at the rate of 1.5 lb./sq. yd. (0.8 kg/m^2), then fill gap to surface with Xypex Concentrate in Dry-Pac form.

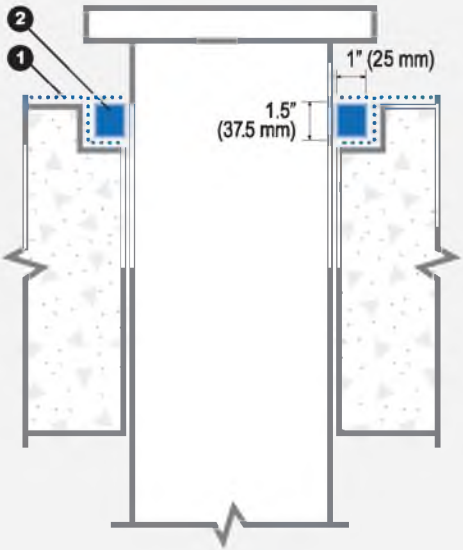
Step 3 Apply one slurry coat of Xypex Concentrate to interior of bottom ring, floor and exterior walls at the rate of 1.25 - 1.5 lb./sq. yd. (0.65 - 0.8 kg/m^2).

Step 4 After placement of concrete trough, apply one slurry coat of Xypex Concentrate at the rate of 1.5 lb./sq. yd. (0.8 kg/m^2) to its surface.

Note 1: Schematic diagram shows Xypex application details only and does not depict standard requirements for waterstops or expansion joint sealants.

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), where applicable. Refer to Standard Specifications for more information.

STANDARD METAL PIPE DETAIL



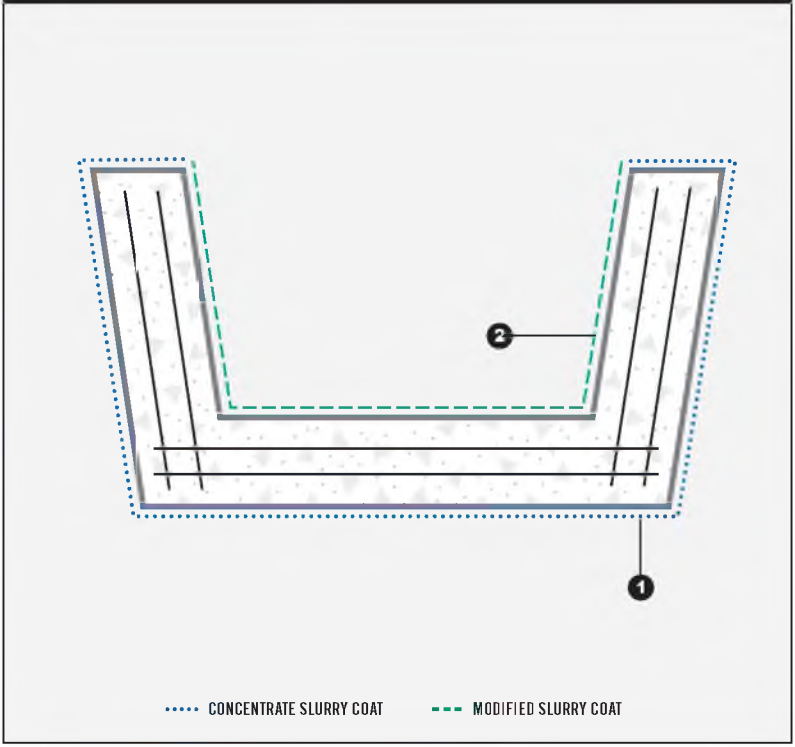
Step 1 Apply Xypex Concentrate slurry to the groove at the rate of 1.5 lb./sq. yd. (0.8 kg/m^2).

Step 2 Fill groove to surface with Xypex Concentrate in Dry-Pac form and pack tightly. Brush Dry-Pac liberaliy with water and apply a Xypex Concentrate slurry over the Dry-Pac at the rate of 1.5 lb./sq. yd. (0.8 kg/m^2).

Note 1: Schematic diagram shows Xypex application details only and does not depict standard requirements for waterstops or expansion joint sealants.

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), where applicable. Refer to Standard Specifications for more information.

FERRO-CEMENT BOAT / CAISSON / FLOATING DOCK



Step 1 Apply one slurry coat of Xypex Concentrate to hull exterior, gunwhales, and all exterior decks at the rate of 1.5 lb./sq. yd. (0.8 kg/m^2).

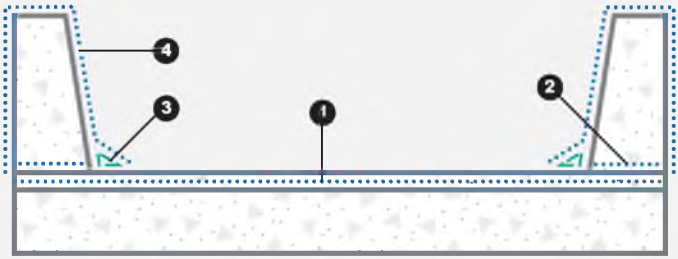
Step 2 Apply one coat of Xypex Modified to interior surface of hull at the rate of 1.5 lb./sq. yd. (0.8 kg/m^2).

In the case of sealed, hollow-core caissons, step 2 is eliminated and the Concentrate slurry coat in step 1 should extend over entire exterior of unit.

Note 1: Schematic diagram shows Xypex application details only and does not depict standard requirements for waterstops or expansion joint sealants.

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), where applicable. Refer to Standard Specifications for more information.

BRIDGE



CONCENTRATE SLURRY COAT MODIFIED SLURRY COAT

Step 1 Apply one slurry coat of Xypex Concentrate to structural slab at the rate of 1.5 lb./sq. yd. (0.8 kg/m^2).

Step 2 Apply one slurry coat of Xypex Concentrate to joint surface between parapet wall and bridge deck at the rate of 2.0 lb./sq. yd. (1.0 kg/m^2). Xypex must be applied no more than 24 hours prior to concrete placement.

Step 3 Apply a cove strip of Xypex Modified mortar over slab/wall construction joint so that the cove extends 1 in. (25 mm) up the wall and 1 in. (25 mm) out on to the deck surface.

Step 4 Apply one slurry coat of Xypex Concentrate to wall surfaces at the rate of 1.5 lb./sq. yd. (0.8 kg/m^2).

Note 1: Schematic diagram shows Xypex application details only and does not depict standard requirements for waterstops or expansion joint sealants.

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), where applicable. Refer to Standard Specifications for more information.

ЈАДРО
ИНЖЕНЕРИНГ

++389 78 33 22 82 ++389 78 33 22 83 info@jadroing.com.mk www.jadroing.com.mk