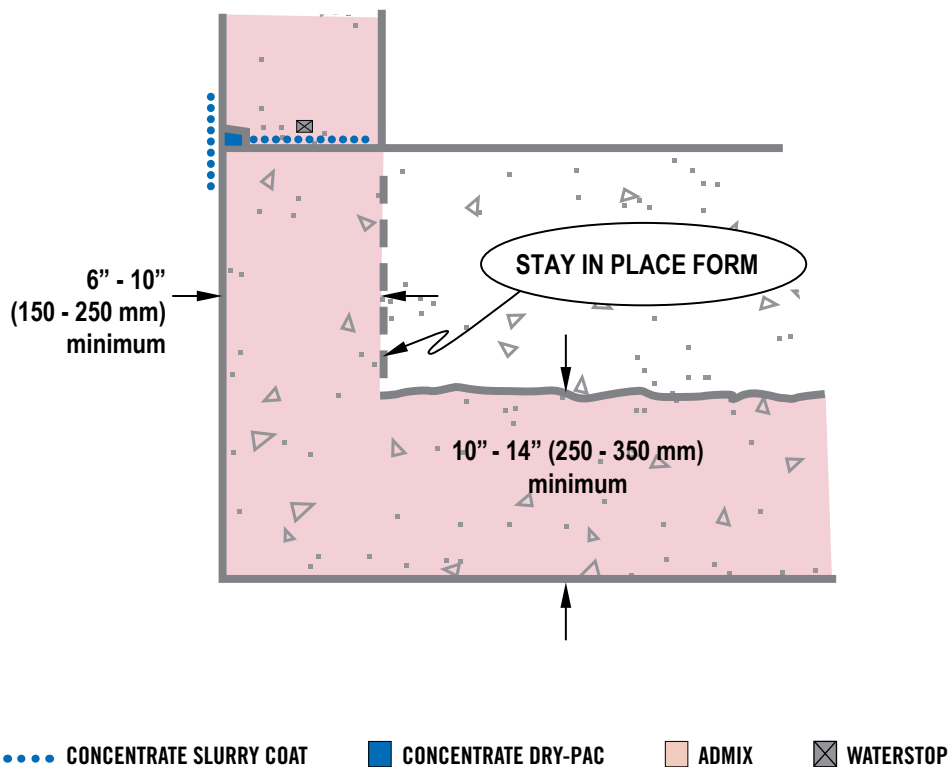




SPLIT MAT SLAB – AGGRESSIVE SOILS / WATERS



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

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

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

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

STEP 5: Pour Xypex Admix treated concrete and cure in accordance with ACI, EN or other accepted quality concreting authority. Strip forms including formwork for linear groove.

STEP 6: Clean linear groove thoroughly. Apply Xypex Concentrate slurry to the linear groove at the rate of 1.5 lb./sq.yd. (0.8 kg/m²). Fill linear groove with Xypex Concentrate Dry-Pac and pack tightly to create the Xypex "sealing strip".

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

Note 1: Schematic diagram shows Xypex installation and waterstops. Inclusion, type and position of waterstops are at the discretion of the designer. Expanding waterstops may be placed on Xypex slurry 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: Stayform may be eliminated and Xypex Admix treated concrete mounded in the outside perimeter of the slab to create a shell. A minimum thickness of 6" (150 mm) to 10" (250 mm) of Xypex Admix treated concrete must be maintained in the shell wall.

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