PRE-POUR CHECKLIST:

- Was pre-construction meeting conducted with contractor and crew?
- Is vapor barrier installed?
  - Must conform to warranty requirements:
    - ASTM E 1745-11 – not to exceed 0.01 perms (after conditioning)
    - Such as Stego Wrap 15 mil. (0.38 mm)
    - Installed per ASTM E 1643-11
    - Concrete must be placed directly on vapor barrier.
- Ensure no standing water where Aridus will be placed.
- Will Aridus mix be pumped?
  - If so, is pump operator aware he is pouring a high-performance concrete?
  - Ensure operator is aware no mix water can be added.
  - If pump is a drag-line, hose must be minimum 4 in. (10.16 cm) diameter.
  - Primer slurry for the pump must be placed outside Aridus pour area.
- Ensure concrete mixer truck operator is informed that no mix water can be added.
- Is there evaporation retarder on-site?
  - BASF Confilm®, Euclid Eucobar or equivalent.
- Is Chapin-type sprayer on-site?
  - Is sprayer clean, filled and ready to use?
- Ensure contractor and crew are aware no spray-applied curing compound can be used.
- Is proper cure cover on-site and of sufficient quantity?
  - Must conform to ASTM C171.
  - Polyethylene minimum 4 mil. (0.1 mm) or equivalent.
- Concrete must be placed directly on vapor barrier.
- Is there sufficient crew and equipment to place a high-performance concrete?
- Have guidelines been reviewed with contractor and crew on-site on the morning of the pour?
- Aridus should NOT be poured when rain has been forecasted the same day.
  - If you have questions, contact the ready mix producer for a recommendation.
PLACEMENT:

Do NOT add water to the Aridus mix at any time during placement.
Aridus is water-sensitive and will not perform properly if water is added.
If slump needs to be adjusted it must be approved by the concrete supplier
and done by chemical means.

Typical slump should be 7 - 10 in. (17.8 - 25.4 cm.)

Evaporation retarder should be used immediately prior to bull-floating operation.
Do not over-apply evaporation retarder.

FINISHING:

Do NOT add water to the Aridus concrete at any time during the finishing operation.

Aridus does not produce bleed water – finish crew should time the finishing operations appropriately.

Care should be taken to not over-work Aridus during initial set.

Evaporation retarder may be used during floating and finishing operation.
Do not over-apply evaporation retarder.

Coat finishing tools with evaporation retarder as opposed to water.

Concrete finish should be smooth, free of trowel ridges. A non-burnished finish is the most desirable.
Machine finish may be the equivalent of hand troweling the surface with a steel trowel.

Soff-Cut, early entry dry cutting is the preferred method for saw-cut joints.

Wet cutting of Aridus concrete is discouraged.

CURING:

Immediately following final finish, apply cure cover.
Conforming to ASTM C171:
Polyethylene minimum 4 mil. or equivalent.

Secure the cure cover to lay flat against the surface.

Do NOT spray the surface with water prior to placing the cure cover.

Keep cure cover in place for 3 days (72 hrs).

Do NOT apply liquid curing compounds or bond breakers.