

## CODE

## COMMENTARY

**Table 20.5.1.3.4—Specified concrete cover for deep foundation members**

Concrete exposure	Deep foundation member type	Reinforcement	Specified cover, mm
Cast against and permanently in contact with ground, not enclosed by steel pipe, tube permanent casing, or stable rock socket	Cast-in-place	All	75
Enclosed by steel pipe, tube, permanent casing, or stable rock socket	Cast-in-place	All	40
Permanently in contact with ground	Precast-nonprestressed	All	40
	Precast-prestressed		
Exposed to seawater	Precast-nonprestressed	All	65
	Precast-prestressed	All	50

**20.5.1.3.5** For bundled bars, specified concrete cover shall be at least the smaller of (a) and (b):

- (a) The equivalent diameter of the bundle
- (b) 50 mm

and for concrete cast against and permanently in contact with ground, the specified cover shall be 75 mm.

**20.5.1.3.6** For headed shear stud reinforcement, specified concrete cover for the heads and base rails shall be at least that required for the reinforcement in the member.

**R20.5.1.3.6** Concrete cover requirements for headed shear stud reinforcement are illustrated in Fig. R20.5.1.3.6.