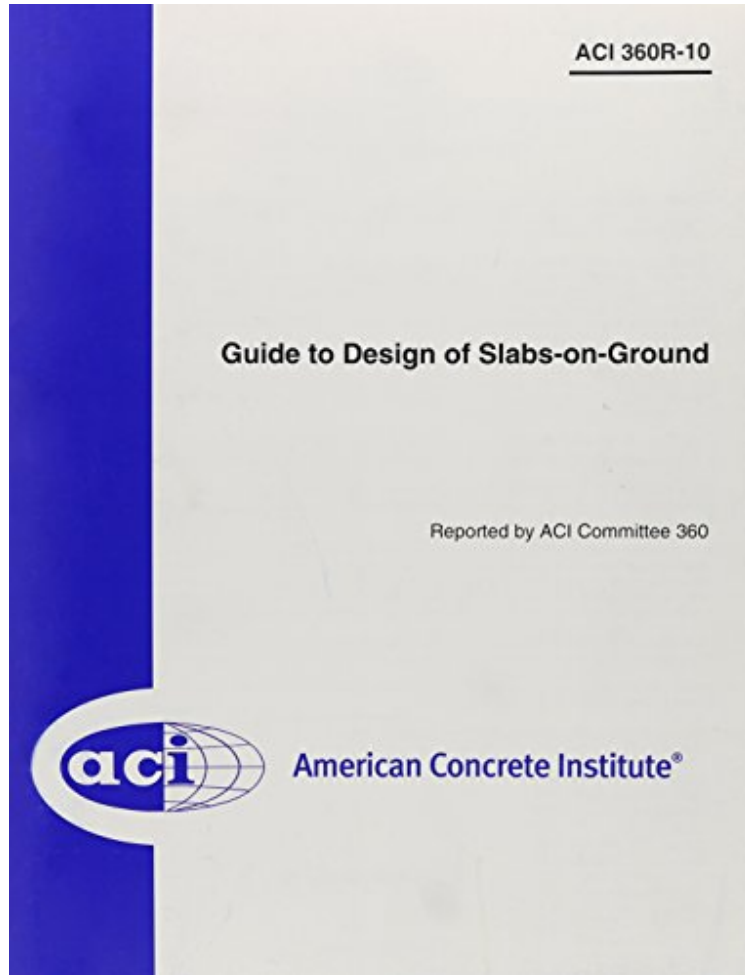


## 360R-10 Guide to Design of Slabs-on Ground

*American Concrete Inst*

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**American Concrete Inst : 360R-10 Guide to Design of Slabs-on Ground** before purchasing it in order to gage whether or not it would be worth my time, and all praised 360R-10 Guide to Design of Slabs-on Ground:

0 of 0 people found the following review helpful. Five StarsBy Christopher Quiros SerranoGreat information. A must for slab on ground designers.

This guide presents information on the design of slabs-on-ground, primarily industrial floors. It addresses the planning, design, and detailing of slabs. Background information on design theories is followed by discussion of the types of slabs, soil-support systems, loadings, and jointing. Design methods are given for unreinforced concrete, reinforced concrete, shrinkage-compensating concrete, post-tensioned concrete, fiber-reinforced concrete slabs-on-ground, and slabs-on-ground in refrigerated buildings, followed by information on shrinkage and curling. Advantages and disadvantages of these slab design methods are provided, including the ability of some slab designs to minimize cracking and curling more than others. Even with the best slab designs and proper construction, it is unrealistic to

expect crack-free and curl-free floors. Every owner should be advised by the designer and contractor that it is normal to expect some cracking and curling on every project. This does not necessarily reflect adversely on the adequacy of the floor's design or quality of construction. Design examples are given.