

AGRICULTURAL SPECIFICATION - CONCRETE GUIDE

APPLICATION	STRENGTH	SLUMP	CEMENT TYPE	OTHER
Slabs and floors, severe exposure. Outdoor paving, slabs, feed bunks, silos	30 MPA	50 - 80 mm	10 or 50 check soil	Air 5 - 8%
Canals, drop structures	35 MPA	50 - 80 mm	check soil prob 50	Air 5 - 8%
Water storage structures Manure storage tanks	30 MPA	50 - 100 mm	10 or 50 check soil	Air 5 - 8%
Floors indoors, high corrosion Livestock buildings, feed/silage floors Food, vegetable and dairy processing plants	30 MPA	50 - 80 mm	10	Air 5 - 8%
Floors indoors, not subject to corrosion Shops and garages, storage structures	20 - 25 MPA	50 - 80 mm	10 or 50 check soil	Air 5 - 8% if exposed to freezing
Foundations, indoors or deep	25 MPA	80 mm	10 or 50 check soil	Air optional
Foundations and retaining walls outdoors	25 MPA	80 mm	10 or 50 check soil	Air 5 - 8%
Reinforced beams, structural slabs (like tank tops, clear span reinforced floors)	30 - 35 MPA	80 - 100 mm	10	Air 5 - 8% if exposed to freezing
Slats in barns, feed bunks	30 - 40 MPA	100 mm	10	Air 5 - 8%