

SIKA CONCRETE FIBER SELECTION GUIDE

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CONCRETE APPLICATION		MICRO SYNTHETIC		MACRO SYNTHETIC			MACRO/MICRO BLEND	STEEL FIBERS	
		Sika® FiberMesh® -150	SikaFiber®	100 Recycled PP48 Impact	PP48	PP65	PPM 48/19	CHE8060HT	CHE5535HT
FOUNDATIONS	Pile Foundations and pad footings	■	■	■	■			■	
	Equipment Foundations							■	■
INTERNAL SLABS	Ground Supported Slabs	■	■	■	■		■	■	
	Suspended Slabs	■	■						
	Jointless Floors							■	
	Overlays & Toppings	■	■	■	■		■		■
EXTERNAL SLABS	Footpaths & Driveways	■	■	■	■		■		
	Cycleways/ Cart Tracks	■	■	■	■		■		
	Parking Areas & Roadways	■	■	■	■		■	■	■
	Highway Pavements	■	■	■	■		■	■	■
	Airport Pavements	■	■	■	■		■	■	■
	Porous Concrete		■			■			
MORTARS, RENDERS & PLASTERS		■	■						
COMPOSITE METAL DECKS		■	■						
BLAST RESISTANT CONCRETE (May require fibre combinations)		■	■	■	■	■	■		
EXPLOSIVE SPALLING RESISTANCE		■							
WALLS	ICF (Insulating Concrete Formwork)			■	■		■		
	Tilt-up Walls	■	■	■	■		■		
SPRAYED CONCRETE & UNDERGROUND	Tunnelling & Mining	■	■			■	■		■
	Slope Stabilization	■	■	■	■	■	■		■
PRECAST	Vaults & Pipes	■	■						
	Tunnel Segments	■						■	
	Tanks & Containers	■	■	■	■		■		■
MISCELLANEOUS	Sea Defence / Marine Applications	■	■	■	■		■		
	Swimming Pools	■	■	■	■		■		
	Water Channels & Spillways	■	■	■	■		■		
	Roundabouts (Incl. TMR & RTA)			■	■		■	■	■
	Slip-Formed/ Extruded Concrete/Kerbs	■	■	■	■		■		
ARCHITECTURAL CONCRETE	Exposed Aggregate Finish Concrete								
	Polished Finish	■	■						

