

SPECIFICATION FOR CONSTRUCTING RCC STRONG ROOM

Construction of Currency Chests by banks				
All dimensions in milimetres				
Vault Class		AA		
Internal clear usable size without obstructions (HxWxO)		3000x6100x6100, Min (400 sq.ft.)		
		Or else, larger size as may be required by the user		
Construction shall be done as per the design of the Structural Consultant subject to minimum requirements given here for achieving burglary resistance against attack by common hand held/ploking/ impact/ portable electric/ hydraulic/concrete cutting/ drilling tools, pressure applying devices, power saws, etc.; fire resistance against gas cutting torch, fluxing rods etc.; fire hose stream reheat endurance against exposure to major fire and fire- fighting water streamjet etc.	Wall thickness	450, Min		
	Floor and roof	450, Min		
	Concrete mix (see IS 456)	M40, Min		
	Steel grid in walls, floor and roof	Bar dia	18	
		Mesh	Mesh made by placing and tying rebars at 200X200 etc bothways; one such mesh placed staggered on both the faces of each wall, floor and roof, in such a manner so as to make less than 100X100 etc. through openings	
Twisted tang bars laid with staggered joints and 25 mm overlap, Min	1Row in Walls, 1Layer in Floor, 1 Layer in Roof			
Surveillance passage/ Petrol Corridor		1150, Min for Front and Back, 700, Min for sides		
Security Ventilator (See IS 14387)/ Exhaust Fan		Height from Floor Level: 2100, Min. Opening Size: 450X450, Max.		

Signature of the offerer/s

Place:

Date :