INFLOOR SAFE SHROUD

In-floor safes are designed to be installed into the concrete slab or wooden floor of buildings. When correctly installed, in-floor safes provide a rock solid depositary, imparting a high level of burglary and fire protection for the contents.

In-floor safes have the following advantages over other safe types:

CONCEALMENT: because the safe is flush with the floor, it may be hidden out of sight under carpet or tiles.

EXCELLENT FIRE RESISTENCE: the safe chamber is concrete encased and below ground level. The steel cover plate provided with the safe gives good air gap insulation between the door and the heat source.

SECURE ANCHORAGE: correctly installed, there is no way the safe may be forced from the ground. Reinforcement components welded externally to the safe effectively key the concrete to the safe body.

LIMITED PHYSICAL ATTACK: only the door and doorframe are exposed to view. The door is recessed 38mm to maximize resistance to jemmy bar attack.

ADVANTAGES OF SHROUD BOX:

Ardel have developed a sheet metal shroud which can be installed when the slab is poured. See Figure 1.

In floor safes can be installed by your builder when pouring the concrete slab. This situation has some drawbacks. The safe is open to view, and potentially subject to deterioration from weather or accidental damage. Ardel recommend the safe be installed at a convenient time after the slab is poured. The shroud positions the safe to allow optimum concrete encasement. See schematic diagram. Figure 2.

The shroud provides the ideal cavity size into which the safe is subsequently fitted and concreted. Figure.3.

The table below indicates the shroud size for the Ardel safe range, and the approximate number of 20kg bags of concrete mix needed to encase the respective safe.

Ardel recommend high strength Australian made PRO-50 Concrete Mix from Cement Australia, a premixed blend of cement, sand and aggregate, available in 20kg bags.

Figure 1 - Shroud set in the slab

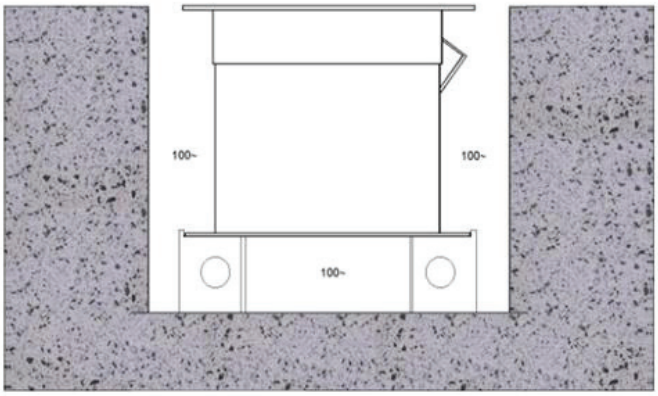

Figure 2 - Safe positioned in pre-set shroud

Figure 3 - Final Concrete Encasement

Safe Shroud Internal Dimensions				
Model	Cavity Dimension (mm)			Concrete
Size	Breadth	Width	Depth (min)	20kg Bags
668	320	320	360	3.0
6612	320	320	460	3.5
8812	410	410	480	6
8818	410	410	630	7.75
101012	460	460	480	7.5
101018	460	460	630	9.5
101024	460	460	780	11.5
121212	510	510	480	9.0
121218	510	510	630	10.5
121224	510	510	780	13

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