

Non Conductive Cabinets & Bases

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Cabinets & Link Pillars
Non Conductive Cabinets & Bases



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HAMER
LIMITED

Bringing you the best.

Features

- Manufactured from structural foamed polycarbonate.
- Conforming to international standard IEC 439-5
- Standard colour grey ral suitable for painting with acrylic paint.
- Surface ribbing to prevent billposting
- Good ultra violet stability
- Corrosion resistant & flame retardant
- Single & two door versions available
- Flush locking handle five point locking
- Stand Euro style key lock
- Key lock tooled to comply with individual network requirements.



Structural Foamed Polycarbonate Material

If PC is used for parts with approx 3mm thick this material is the *compact* format. However the processing of all the relevant parts of the WSP cabinet the PC does not remain in the *compact* format but is structural foamed to a wall thickness of up to 10mm. This is achieved using a foaming agent (nitrogen). The surface of the material is closed but inside there are a lot of tiny gas bubbles which lower the notch effect and restrict possible crack growth. The PC treated in this manner is almost tension free, opposite to the compact PC. Thus crack/corrosion growth released by contact with solvents aerosols is very unlikely. This confirms our own qualitative tests with aerosol sprays.

If for example you expose compact PC to lime milk with a Ph value of approx 12.5 it will be destroyed very quickly by crack corrosion, possibly within a few minutes. If you expose a structural foamed PC it will not be affected within years.

UV Testing & Acrylic Paint Testing

Extensive testing has been carried out on both polycarbonate material & acrylic paint. A test cabinet has been installed on Germany's highest mountain peak with high UV exposure for over 12 years and, to date is showing no detrimental effects. Accelerated laboratory uv tests have been conducted, giving a 20 year calculated period, the only detrimental finding being a reduction of the gloss of the paint sample, no detrimental effect was determined on the polycarbonate material.

Weather & Mechanical Strength Testing

Cabinets and bases have been subjected to all required tests and are rated to IP34D, meet the requirements of AS 3132-1991.

Inground & surface Mounting Bases

Inground bases are to be mounted on flat compacted level surfaces or concrete pavers. Surface mount bases are supplied with additional strength support brackets at mounting points.



Cabinet Dimensions

Code	Dimensions	
EK30	W310 x H160 x D210 Single door complete with in ground base	1.5 x Ways
EK73-0A	W460 H870 x D330 Single door	3.5 x Ways
EK73-0E	W595 x H870 x D330 Single door	5 x Ways
EK73-1	W790 x H870 x D330 Double door	7 x Ways
EK73-2	W1120 x H870 x D330 Double door	10 x Ways

Ground Planted Pedestal Bases

Code	Dimensions
EK57-OA	W460 x H900 x D330
EK57-OE	W595 x H900 x D330
EK57-GR	W790 x H900 x D330
EK57-HR	W1120 x H900 x D330

Surface Plinths

Code	Dimensions
EK57-OA	W460 x H330 x D330
EK57-OE	W595 x H330 x D330
EK57-GRI	W790 x H330 x D330
EK57-GR2	W1120 x H330 x D330

