

Penthouse Units for Supply and Extract Type 50/75/100

TEK's ever increasing range of Penthouse Designs are manufactured to suit either supply or extract applications, or where necessary, can be combined with an integrated floor and also sectioned internally providing a neat solution for the termination of a number of various size ducts.

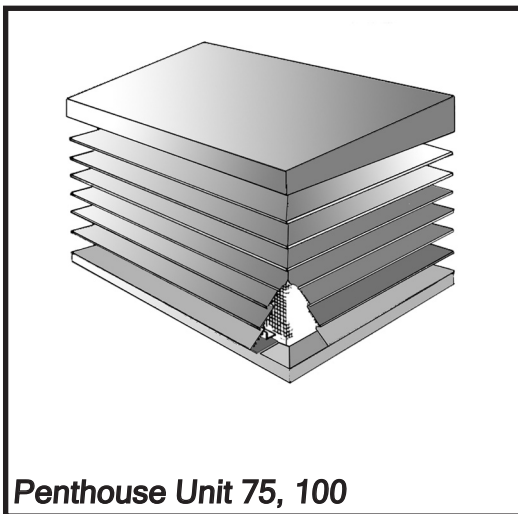
Alternative corner designs are available from fully mitred and welded to post designs to allow for individual sides to either blanked or removed. Curbs can be constructed to correct roof slopes and also units can be fitted internally with pressure relief flaps or fire dampers as required.

Finish:

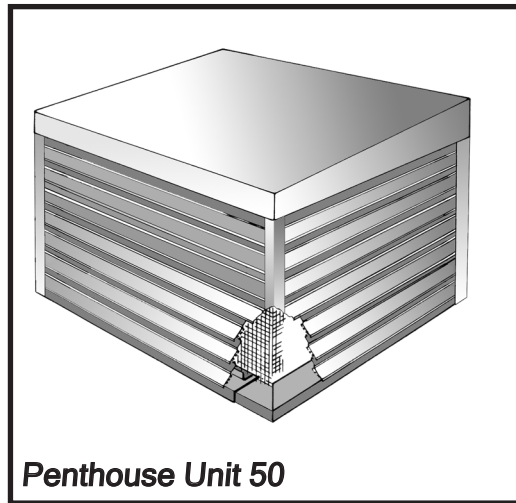
Full range of Epoxy Powder Coatings suitable for external mounting are available. These are applied as a Aluchrome pre-treatment to give a guaranteed life expectancy of 10 years for semi-gloss applications and 12 years for gloss. A full written guarantee is available on request. Other PVF2 Syntha Pulvin and anodised treatments are also available at varying costs.

Fixing:

To fix units detailed site instructions are taped to each unit, however the general procedure is to crane into position, remove roof and fix through our curb to builder's curb and replace roof.



Penthouse Unit 75, 100



Penthouse Unit 50

Special applications as those where supply may be required on the perimeter and extract through the centre or to hold exhaust flues can also be incorporated. Typical details as shown on the reverse of this sheet. All units are either site measured or taken from Architect's drawings. Certified drawings will be issued by TEK for approval prior to manufacture. The regular shaped units, with varying curb widths are also available.

Specification and Construction:

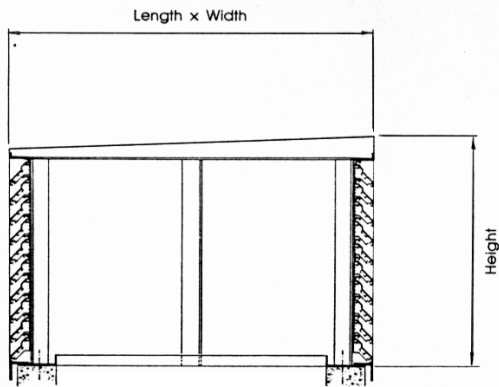
Units varying from 300 square in the 50mm range with no maximum size limits being applied. TEK have developed a roof construction that both deals with water rejection and increases the rigidity of the structure. This enables large Penthouse Units to be made in individual sections and can either be fully factory assembled or sent in kit form to site for erection by the customer or our own fitting teams if required at extra cost. The units can be fitted internally with a range of accessories and factory units can be fitted with pressure flaps preset for staircase ventilation at specific pressure drops. Optional mitred corners as standard.

Sizes:

No standard sizes are manufactured and any panel sizes can be created by joining individual panels. The largest single panel being 2400 x 2400.

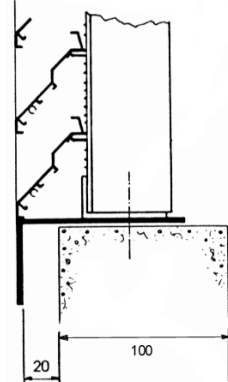
Penthouse Unit Fixing Methods

Penthouse Unit 50

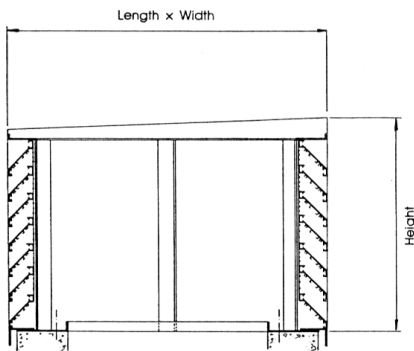


PL50 Position Assembled Penthouse (Roof Removed)

Fix through penthouse curb to builders upstand and replace roof

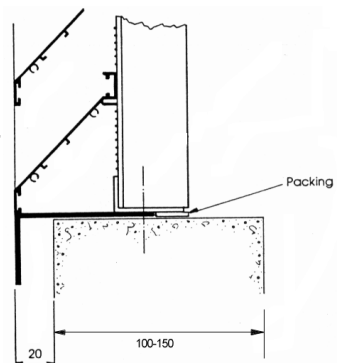


Penthouse Unit 75

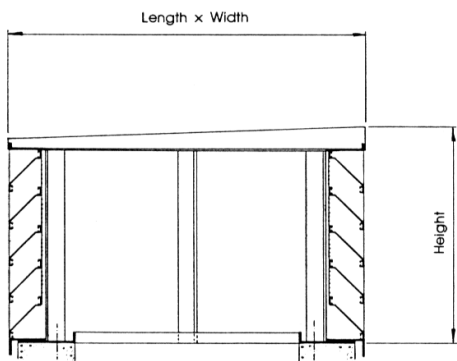


PL75 Position Assembled Penthouse (Roof Removed)

Fix kerb through bottom angle



Penthouse Unit 100



PL100 Position Assembled Penthouse (Roof Removed)

Fix to kerb through frame angle and packing

