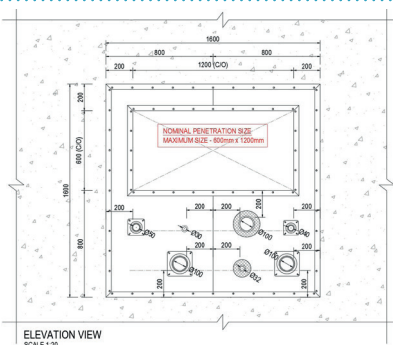
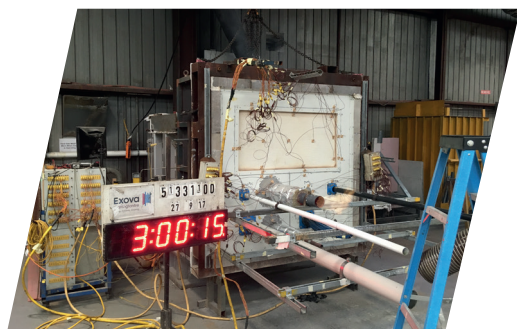


AS1530.4 PENETRATION FIRE TEST ANNOUNCEMENT



ASKIN VOLCORE PANEL ACHIEVED A THREE HOUR PENETRATION FIRE PERFORMANCE

ASKIN's non-combustible cored, steel laminated Volcore Insulated Panel recently achieved a best in class under the test regime dictated by standard AS1530.4 for fire wall penetrations. As required to meet C3.15 Openings for service installations, per NCC 2016

AS 1530.4: 2015: Pilot-scale wall test for fire rated products establishes the expected behavior of a specific fire rated product in a standardized test wall consisting of two 1.6m high by 800mm panels joined to form a wall with the following dimensions:

Length: 1.6m Height: 1.6m Thickness 150mm

With the following Penetrations:

- Large Penetration 600mm high x 1200mm long. Achieving a -/180/180 FRL
- PVC Pipe 100mm. Achieving a -/180/180 FRL
- PVC Pipe 50mm. Achieving a -/180/180 FRL
- HDPE Pipe 50mm. Achieving a -/180/180 FRL
- Small Cable Bundle 25mm. Achieving a -/180/180 FRL
- Copper Pipe 100mm. Achieving a -/150/150 FRL
- Copper Pipe 32mm. Achieving a -/180/150 FRL
- Large Cable Bundle 100mm. Achieving a -/180/120 FRL

A natural gas fueled furnace applies heat to the back of the wall as dictated by standard ISO 834 as in Figure 3.

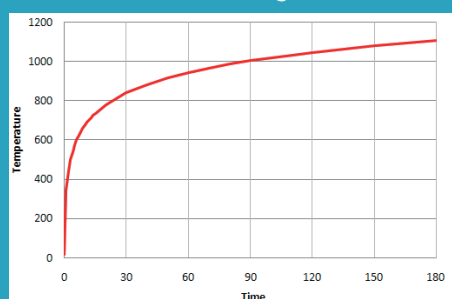


Figure 3. ISO 834 Curve

In principle, the AS1530.4 test determines the potential for fire spread through a wall, via radiant heat, hot gases or flame by determining the following for a given period:

- Temperature measurement of the services beyond the fire wall at the first available point along the service 25mm from the wall surface and on the unexposed face of the wall adjacent to the penetration.
- Visibility of flame, indicating integrity failure.
- Insulation failure occurs when one point increases by 180 degrees or the average of a number of points on the unexposed sides increases 140 deg or discoloration of the cold face indicates significant temperature rise.