



Temporary Penetration Covers

Penetrations in floors can cause a significant risk to construction workers and there have been numerous serious injuries in the past. Plant structures, in particular those with open type flooring, can be awash with penetrations and these hazards needs to be controlled until the pipes or equipment are in place.

One simple and neat solution is to cover the holes with suitable timber covers and use nylon pull ties to secure them in place. These can then be quickly and easily removed once the kit is ready for installation.



Key Points

1. Paint the covers in a bright colour so that they stand out and reduce any trip hazard.
2. Use a suitable marine ply or other none absorbent strong material.
3. Use a suitably thick timber (at least 19mm) that can withstand a minimum 1Kn load.
4. Voids greater than 500mm diameter should be checked by a qualified structural engineer.
5. Round off the corners to prevent any possible ankle injuries.
6. Use at least two pull ties in opposite corners.
7. Pull ties can be easily wrapped around the main twist bars.
8. Covers can be easily removed and reused in other areas or future projects.

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