

Technical Bulletin 14

Pipework Supports

Fix pipes at centres not greater than those specified in BS EN 12056-2:2000.

| | Size ins | Size mm | Max Support | Max Support | Max Expansion |
|-------------------|----------|---------|-----------------|-------------------|-------------------------------|
| | | | Vertical Metres | Horizontal Metres | Horizontal or Vertical Metres |
| Soil Waste System | 8 | 200 | 2.0 | 1.5 | 4.0 |
| | 10 | 250 | 2.0 | 1.5 | 4.0 |

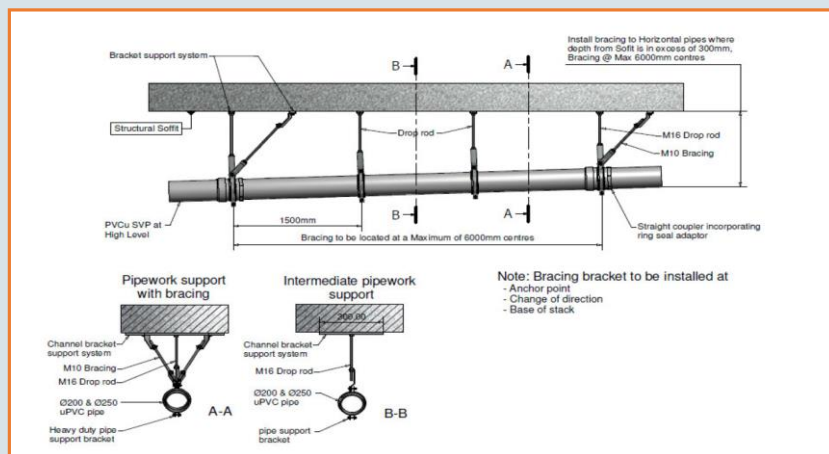
Table NF.1 – Maximum distance between pipe supports.

The following bracketing and support requirements should be considered during the design and installation of the Terrain larger pipework drainage system.

Provide additional supports at all junctions and changes in direction.

Multiple pipe supports for pipes of differing sizes shall be spaced at intervals required for the smallest pipe. Pipework should be fixed in straight runs and all horizontal runs are to be laid to the minimum gradients stated in BS EN 12056-2:2000

Heavy duty pipe support Brackets should be used for PVC u pipework and fittings consisting of two piece pipe rings with EPDM rubber inserts for anchor supports, omit EPDM inserts on intermediate bracketing to allow for thermal movement.



For further assistance please contact our Technical Team on:

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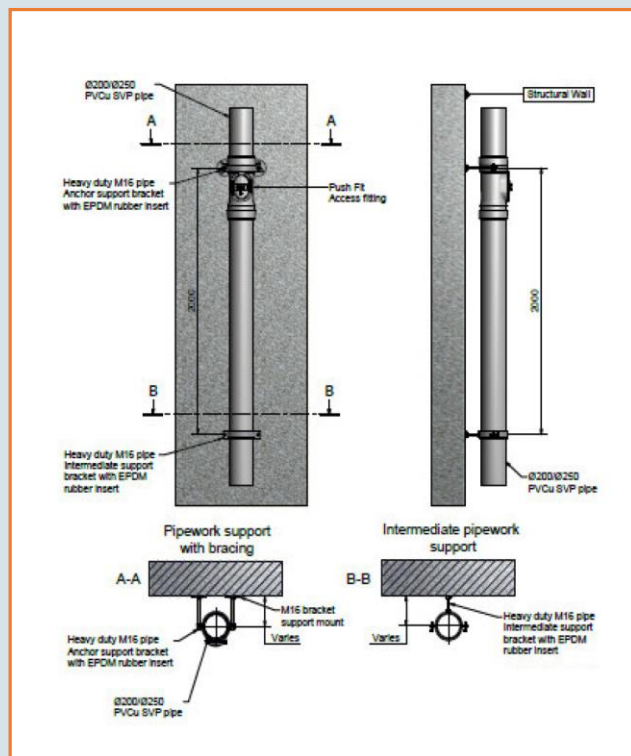
Pipe rings to be drilled to accept M10/M16 galvanised threaded drop rod.

Where horizontal pipes are located in excess of 300mm from soffit it will be necessary to provide adequate supports to prevent axial movement. The method of support and possible weight of the full bore pipework should be discussed and developed with the project structural design team.

PVC u discharge and ventilating pipework shall be installed to accommodate thermal movement between fixed points in accordance with the manufacturer's recommendations.

Pipes passing through walls or floors shall be sleeved to allow unrestrained movement.

Vertical fixings should be placed directly below joints wherever possible, with additional brackets provided at branches, bends and changes in direction, as necessary. to ensure that the system is capable of withstanding all likely accidental static water pressures.



The type of pipe hanger clip or hoop used shall be selected according to the application, special provision being made in instances where the pipework installation is subject to axial movement due to thermal expansion and/or contraction.

Angle section mild steel bracing brackets should be fitted at vertical bends to prevent axial movement of suspended pipes, particularly at the base of discharge stacks and changes of direction.

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