

## pipework support

### Horizontal pipework support

BS EN 12056 Code of Practice stipulates that the distance between pipe supports should not exceed 3 metres. We would however, recommend two brackets per 3 metre pipe length, the first being positioned within 500mm of coupling joint and the next to be approximately 1.5m spacing. This will aid installation and provide greater rigidity. See image **1**

The pipe should also be supported at every change of direction or branch connection and in some cases it may be necessary to provide a lateral brace at 12m intervals. The max length of threaded rod for a single drop bracket should be 750mm; for longer drops it is recommended two drop rods are utilized with a split band clip. See Image **2**

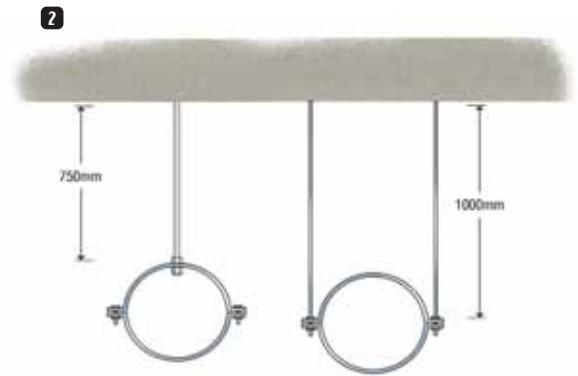
### Vertical pipework support

For vertical soil and rainwater stacks load bearing brackets should be provided every 3m maximum at each floor level. These brackets should be securely fixed and tightened as the installation proceeds so as to adequately support the pipework and prevent unnecessary load at the base of the stack. Where fittings are installed within the vertical stack it is recommended that additional brackets are provided to ensure alignment of the pipework. See image **3**

### Stack support

For all buildings with a tall pipe stack there is a requirement for extra support (every fifth floor from the base where average floor height is 2.5 metres). The Halifax cantilever bracket fixes to the building fabric, supporting a pipe support bracket and stack support pipe which couples to the pipe stack. The weight of the stack is transferred to the building fabric. This additional support is not simply good practice, but an additional requirement. See image **4**

(Note: to order the Halifax cantilever bracket please contact the sales team.)



(Zinc plated cantilever brackets supplied separately)

### Image key: waste connections and access

- 5** Multikwik or similar WC connector
- 6** Halifax Manifold Connector
- 7** Boss Pipe
- 8** Access Door

For soil and waste stacks the code of practice recommends that access is provided at changes in direction of 90 degrees for cleaning and clearing purposes.

(13mm socket - for access door bolts HSD002)

