

To complete the clause, select the appropriate wording from below. Highlighted text can be 'dragged and dropped' to save typing.

## **R10 RAINWATER DRAINAGE SYSTEMS**

### **415 HDPE PIPEWORK FOR INTERNAL USE:**

#### **Fullflow Self Priming Syphonic Roof Drainage System.**

Fullflow manufacture a Self Priming syphonic roof drainage system which consists of Primaflow® Self Priming syphonic roof outlets and associated pipework.

The syphonic roof drainage system utilises high density polyethylene pipework (HDPE, PE80, PN4) for diameters of 160mm and below and high performance polyethylene pipework (HPPE, PE100, PN5) for diameters of 200 mm and above. Other materials are available, including cast iron, stainless steel, galvanised mild steel, aluminium, copper, (specify in the appropriate clause). All pipework must be procured within an ISO 9001 accredited approved suppliers procedure. The pipes conform to at least one of the following standards DIN 8074 / 8075:1999, BSEN 1519 – 1:1997 or DIN 19535 and are clearly identified as doing so. The operational pressure of the pipework must not be less than 4.0 bar. Joints must be either capable of resisting longitudinal forces without sliding apart or restrained to prevent relative movement. Eccentric reducers used in horizontal flows shall be installed in a manner that retains the crown of the pipe level. Jointing shall be made by butt fusion at fabrication stage in controlled, factory conditions and utilizing both butt fusion and electro-fusion sleeves on site where applicable. Hot air welding of polyethylene pipework is not allowed on a Fullflow Rainwater Management system.

The Fullflow Self-Priming Syphonic Roof Drainage System has been tested and awarded Agrément Certificate No 96/3279 Second Issue.

The Fullflow Self Priming Syphonic Roof Drainage System complies with the recommendations of section 9.6 of H R Wallingford Report SR463, dated September 1996, Performance of Syphonic Drainage Systems for Roof Gutters.

Other criteria for design parameters includes BS EN 12056-3: 2000.

Consult Fullflow Group Ltd technical literature for details. As syphonic systems have to be designed to suit each individual application, using a computer aided design process, Fullflow Group Ltd provide a full design and specification service combined with a project management system to oversee the project from design to on-site completion and it is recommended that they are consulted early in the design process.

For pipework diameters of 160mm and below:

### **415 HDPE PIPEWORK FOR INTERNAL USE:**

**Standard:** To BS EN 1519-1 or Agreement certified.

**Manufacturer:** Fullflow Group Ltd. Fullflow House, Holbrook Avenue, Holbrook, Sheffield. S20 3FF. Tel: 0114 247 3655. Fax: 0114 247 7805. Email: Info@uk.fullflow.com Web: www.fullflow.com

**Product reference:** Fullflow HDPE pipework

**Nominal size:** *Insert requirements.* HDPE pipework suitable for use with diameters of 160mm and below.

**Brackets:** Consult Fullflow Group Ltd technical literature for details.

**Jointing:** Butt fusion at fabrication stage in controlled, factory conditions, additionally butt fusion and electro-fusion sleeves to be utilised for on site jointing where applicable.

Hot air welding of polyethylene pipework is not allowed on a Fullflow Rainwater Management system.

All joints must be either capable of resisting longitudinal forces without sliding apart or restrained to prevent relative movement.

**Accessories:** Consult Fullflow Group Ltd technical literature for details.

For pipework diameters of 200mm and above, create a revised clause 295A and complete as follows:

#### **415A HPPE PIPEWORK FOR INTERNAL USE:**

**Standard:** To BS EN 1519-1 or Agrement certified.

**Manufacturer:** Fullflow Group Ltd. Fullflow House, Holbrook Avenue, Holbrook, Sheffield. S20 3FF. Tel: 0114 247 3655. Fax: 0114 247 7805. Email: [Info@uk.fullflow.com](mailto:Info@uk.fullflow.com) Web: [www.fullflow.com](http://www.fullflow.com)

**Product reference:** Fullflow HPPE pipework

**Nominal size:** *Insert requirements.* HPPE pipework suitable for use with diameters of 200mm and above.

**Brackets:** Consult Fullflow Group Ltd technical literature for details

**Joining:** Butt fusion at fabrication stage in controlled, factory conditions, additionally butt fusion and electro-fusion sleeves to be utilised for on site jointing where applicable.

Hot air welding of polyethylene pipework is not allowed on a Fullflow Rainwater Management system. All joints must be either capable of resisting longitudinal forces without sliding apart or restrained to prevent relative movement.

**Accessories:** Consult Fullflow Group Ltd technical literature for details.