

**DUROTAN PEX SANITARY FLEXIBLE PRE-INSULATED PIPE SYSTEM
SPECIFICATION**

The buried distribution pipework will be a pre-insulated system supplied and installed by Durotan Ltd.

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The system will be capable of operating at temperatures to 95°C.
The maximum operating pressure 10 Bar.

The flexible pre-insulated pipe system comprises the following:-

Carrier pipe

Material: Cross-linked polyethylene (PE-Xa) SDR7.4

Thermal Insulation

Material: Polyurethane foam (PUR), CFC Free CO2 blown

Casing

Material: Linear low density polyethylene (LLD-PE)

The carrier pipe will be joined using brass compression / press fittings. End Connectors will terminate with a male BSP thread.

Fittings at joint positions will be insulated and protected by waterproof site insulation kits.

Watertight access chambers can be used to house isolating valves and connections between single and twin pipes.

The pre-insulated pipes are manufactured in accordance with BS EN 15632-1/-2.

The Ecopex sanitary pipe system is available with the following features:-

- Single and twin pipe options (Uno or Duo)
- PLUS thickness insulation

Applications:-

- Hot Water Service (HWS)
- Potable Cold Water Service (MCW) (CWS)
- Chilled Water (CHW)
- Industrial and commercial fluids