
PRODUCT SPECIFICATION –FRIAPHON SYSTEM

ABOVE GROUND DRAINAGE & INTERNAL RAINWATER PIPEWORK

All vertical and horizontal pipe shall comprise Friaphon sound attenuated pipe system as manufactured by Friatec A.G. Mannheim, Germany and supplied by;

Durapipe UK Ltd
Walsall Road
Norton Canes
Cannock
Staffordshire W S 11 9NS
Tel; 01543 279909
Fax; 01543 279450

APPLICABLE STANDARDS

All pipe and fittings shall be in accordance with B.S.EN 1329-1:2000

PIPE

Dual Formed, Wall thickness - 5.5mm
PVC-U (mineral reinforced) outer
ABS/PVC/ASA inner

FITTINGS

Fittings shall be of the Friaphon push –fit (mechanical joint) type with integral rubber sealing rings as manufactured by Friatec A.G.

The Friaphon Double Coupler shall at all times be used to connect both pipe and fittings.

Friaphon long **or** short cushioning sections should be used for changes of direction at the base of stacks: short cushioning sections should be used where the height of the downpipe is less than 10m; long cushioning sections where the height of the downpipe is greater than 10m

COLOUR

All pipe & fittings are supplied in Friaphon charcoal grey colour.

FIXING

All vertical and horizontal pipe shall be secured using Friaphon rubber lined clips only and at spacing distances as recommended by the manufacturer.

It is recommended that vertical pipe in buildings over ten floors high should be supported using Friaphon rubber lined stand pipe brackets.

Where a pipe passes through a floor or wall, a Class O insulation material shall be used to fill any gap between the pipe and the structure to avoid sound bridging. The insulation material shall comprise Mineral Wool type.

FIRE PROTECTION

Friaphon pipes which pass through fire rated walls and floors should be fire protected with Unicollar intumescent fire protection collars as supplied by Durapipe UK.

CONNECTION TO OTHER SERVICES

Roof Outlets: Via dedicated fitting as supplied by the Outlet manufacturer or Flexseal Connector as manufactured by Flexseal Ltd

Underground Drainage: Via dedicated fitting as supplied by the relevant Pipe Manufacturer.

Waste Pipe: Via Friaphon Boss Connectors.

SYSTEM TESTING

The system should be inspected for leaks in accordance with BS EN 12056. Air should be pumped into the system, one floor at a time, through a branch of a tee until a pressure equal to 38mm water gauge is achieved. The inlet valve should then be closed and the system should maintain the pressure for a minimum of three minutes.

For further information contact:
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