



## **FUNCTION**

Kalsi Aquaflow Drain and Sewer Systems are complemented by the Kalsi Aquaflow Soil and Waste systems providing a complete solution for all your drainage requirements.

## **AUTHORITY**

Kalsi Aquaflow Drainage systems satisfy the requirements of the following:

- The Building Regulations 1990.
- Building Standards (Scotland) Regulations 1990 Part M.
- The Building Regulations (Northern Ireland) 1990.
- Technical Book N.

## **STANDARDS**

Kalsi Aquaflow Drainage systems are manufactured under the following British Standards:

- BS EN ISO 9001:2000 Quality Systems.
- BS EN 1401-1: Plastic piping systems for 1998 (SN4) non-pressure underground drainage and sewerage.
- (PVCu) - Part 1: Specifications for pipes, fittings and the system.
- BS4660: 1989 Specification for plasticized.
- PVC pipes and fittings of sizes 110mm and 160mm for below ground drainage.
- BS5481: 1997 (1989) Specification for plasticized.
- PVC pipes and fittings for gravity sewers.

## **COMPOSITION**

Extruded pipe sections and injection moulded fittings are made from PVCu and polypropylene compounds complying with the material requirements of the relevant British Standards.

They contain the necessary processing additives, stabilisers and pigments to give products excellent appearance, durability and performance.

## **BIOLOGICAL AND CHEMICAL RESISTANCE**

Polluted industrial atmospheres will not effect Kalsi Aquaflow drainage systems. PVC is vermin and rot proof and resistant to most commonly occurring chemicals: notable exceptions however are solvents, including those incorporated in most timber preservatives.



## GENERAL RESISTANCES

Expected action

G – Good/Excellent resistance to attack

P – Poor resistance to attack

## SUBSTANCE EXPECTED ACTION

Mineral Acids (Diluted)	G
Mineral Acids (Concentrated)	G
Alkalis	G
Alcohol's	G
Ketones	P
Aromatic Hydrocarbons	P
Chlorinated Hydrocarbons	P
Greases and Oils	G