



Instantor[®]

NOTICE TO ALL BRASS FITTING USERS

Products manufactured from Copper Alloys are NOT suitable for use underground, or directly embedded in dirt, soil, gravel or concrete.

Why?

- Brass fittings are manufactured using a copper alloy material. When brass material is used in certain underground conditions it may be susceptible to a corrosive attack. This could be in the form of dezincification and/or alkali attack as with concrete. Conditions which promote this affect include acid peat, salt marsh or waterlogged clay, alkaline concrete/gypsum.

Possible Consequences

- Dezincification and/or alkali attack of the fitting will lead to porosity and / or cracking of the material over time, as a result leaks will inevitably occur requiring the excavation and replacement of the fitting.

Best Practice and Prevention

Only products manufactured from Gunmetal or DZR material are suitable for use underground. Copper alloy material is not suitable for direct embedding into concrete and/or gypsum. Sanbra Fyffe have always advertised these facts and informed both our customers and the trade in general. Despite decades of advertising these facts through repeated postings and detailing in our catalogues and product headers we believe some installers continue to ignore the warnings.

Again we wish to stress only products manufactured from gunmetal or DZR materials are suitable for such installation underground. Brass Fittings are not suitable for use underground and no copper alloy material is suitable for direct embedment into concrete/gypsum or similar aggregates.

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