

# FOAMGLAS®

CELLULAR GLASS INSULATION

## NEWS RELEASE

### **FOAMGLAS® INSULATION CREATES EFFECTIVE WALL PENETRATIONS FOR FIRE WALLS AND FLOORS**

Using FOAMGLAS® cellular glass insulation from Pittsburgh Corning enables a continuous insulation system to be created wherever services need to pass through a fire wall or floor. Proven in the demanding environment of the oil and gas industry, the FOAMGLAS® pipework system is now available for the building services sector.

Fire protection of up to 120 minutes at a fire wall penetration can be achieved when used with cladding, and up to 90 minutes when used without cladding. FOAMGLAS® is classed as a non-combustible (Euroclass A1) insulation material, and in the event of fire will not emit toxic fumes or smoke.

In addition to its fire protection properties, the totally closed-cell construction of FOAMGLAS® ensures that condensation and damp inside the wall or floor structure can be eliminated, even when installed without a vapour barrier. Chilled water pipework is notorious for creating condensation and drawing moisture into other permeable insulants. Manufactured from pure glass, FOAMGLAS® remains totally effective regardless of the conditions and its thermal conductivity remains constant throughout its lifetime.

The operating temperature range of FOAMGLAS® is from –268 to 480°C, enabling it to be used on the full piping temperature range in buildings from chilled water to steam.

A data sheet summarising installation requirements for 120 and 90 minutes of fire protection is available on request.

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