



PMU Drainplug™



PMU Drainplug™ keeps your insulation dry

- Prevents CUI (Corrosion Under Insulation)
- Drains moisture from the insulation system
- Prevents loss of insulating value
- Easy installation
- Easy adjustment to insulation thickness
- Approved and applied by Hydro/Statoil



PMU Drainplugs™

Danger

(Sea)water or moisture in insulation systems, in combination with temperatures from ambient to approx 170°C, can lead to serious Corrosion Under Insulation (C.U.I.) of pipes and equipment.

The problem

In most hot insulation systems, aluminium or steel cladding is being used. In these systems joints and seams are sealed to prevent water ingress or moisture to condensate in the insulation. Due to several causes water or moisture still gets in the insulation and will cause deterioration of thermal properties and start corrosion (C.U.I.). Creating an extra back-up is essential.



The Solution

PMU Drainplugs™ are patented plugs made from tough, self-extinguishing, all-weather Polyamide with 25% glass fibre reinforcement. By installing PMU drainplugs in the outer jacketing, water or moisture that has penetrated the insulation can drain out freely.

Specification

Install PMU Drainplugs™ at intervals (maximum interval: 3m) along horizontal lengths of insulated piping; at the lowest point of insulated vessels/bends; and at every insulation stop. For insulation thicknesses under 110 mm adjust the length of the PMU Drainplug™ to 10 mm under the insulation thickness by breaking/cutting off the excess length at the required mark on the PMU Drainplug's™ shaft. Pre-drill a 17 mm dia hole in the metal jacketing, pierce a hole in the underlying insulation, insert the PMU Drainplug™ fully into the insulation and then turn it 180° to lock it into the jacketing.

Typical Data/ Physical Properties

Colour	Grey
Wall thickness	0.5 mm
Length	100 mm
Diameter	20/17 mm
Weather resistance	Excellent
UV resistance	Excellent
Chemical resistance	Resistant to most acids and bases
Melting point	255°C (ISO R 1218)
Vicat point of softness	148°C (ISO 306 B)
Fire	Self extinguishing, UL94 VO

