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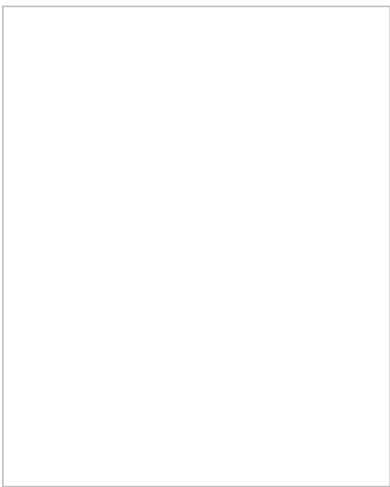
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## SITUPUR®

### In-situ PUR foam: cold insulation that simply foams in to place on site



Insulate temperatures as low as  $-180^{\circ}\text{C}$ ? A PUR in-situ foam system is exactly what you need. PUR/PIR foam systems are extremely efficient and, due to their closed-cell foam structure, are the optimal insulating material for your cooling systems.

With the in-situ foam systems, an insulating sheet jacket is built up around the object to be insulated without thermal bridges. The resulting cavity is then filled with a special 2-component foam system using a casting process. The initially liquid mixture then hardens. In this way, even structurally irregular and complicated geometries can be insulated without joints over the entire surface. The function of the vapour barrier is taken over by the outer sheet metal jacket.



# The advantages of a PUR in-situ foam system are obvious:

- Insulation system free of thermal or cold bridges
- Efficient insulation due to low thermal conductivities
- Effective insulation even of complicated geometries
- Optimal cold insulation thanks to closed-cell foam structure and integrated vapour barrier
- Building material class B2 according to DIN 4102, part 1
- High compressive strength
- Low density of approx. 45-55 kg/m<sup>3</sup>
- Wide temperature range from -180 °C to +100 °C
- Naturally CFC-free



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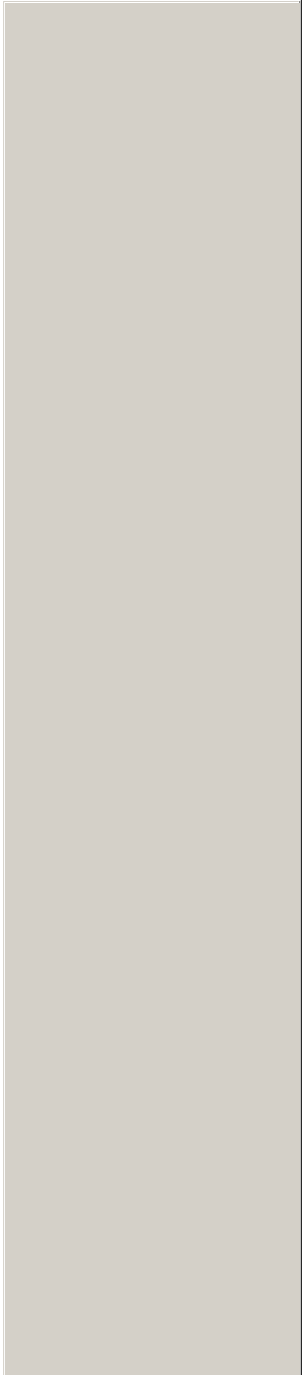
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