

Proteus Equipment Concrete Duvets

Dependable products for demanding environments



Temperature regulation



Insulate and protect concrete castings from temperature fluctuations and cold snaps, reducing curing times, stabilising cement content, and ensuring consistent, uniform results.



Easy to handle



Proteus concrete duvets have a much higher insulation capacity than a basic curing blanket or mat, yet are incredibly light and easy to handle.



Boost productivity



The rapid curing times you can achieve with the duvets provide a significant boost to productivity, allowing you get through more castings per day on average.





Ensure stable, uniform curing quality every time



Multi-layer construction with efficient insulation and tough outer foil



Retains heat and moisture, to reduce energy consumption and optimise cement content



Recycled materials ensure an environmental bonus for your casting works



Combat rising energy bills by reducing heating costs in the production hall



Customise sizes, shapes, foil types and insulation thickness to suit your needs

TECHNICAL SPECIFICATIONS

Three-layer construction

Inner and outer foil.....PP (polypropylene) or TEX PUR (85% polyester; 15% polyurethane)

Polywool insulation.....PET (polyester fibre) with 78% rPET, 120g/m²

Weight.....PP approx 350g/m², TEX-PUR approx. 480g/m²

Temperature.....PP up to 80°C; TEX-PUR up to 160°C

When temperatures drop, concrete curing times can suffer, unless you have the right kit. Proteus concrete duvets, with U-values as low as 0.83, are a **huge step up from your typical basic concrete curing blanket**, and will help you to:

REDUCE CURING TIMES AND HEATING BILLS

Proteus concrete duvets have proven effective in **dramatically reducing winter curing times**, also allowing companies to use far less energy heating the production hall. Concrete duvets are particularly useful in circumstances where lower winter ambient temperatures otherwise restrict casting frequencies, ensuring **optimal conditions during curing** for a uniform end result, free from variance and defects.

OPTIMISE CEMENT CONTENT

In some cases, cement contents are increased to compensate for lower ambient temperatures. The use of Proteus concrete duvets avoids the need for this, so the **return on investment can be quite rapid!** Compared to a basic concrete curing blanket or mat, the duvet allows for **more stable temperatures** and a much more optimised curing process.

ENJOY A SUMMER BONUS

The multi-layer spiralsised Polywool insulation and reflective outer foil that work so well in winter, also serve to **protect curing concrete in hot weather**, improving quality and stability throughout the year.