PIRTHANE ‘0’

The Client: Ardmore Construction, Sovereign Quay, Eastbourne.

The Problem: How to insulate the car park soffit of these luxury harbour side apartment blocks to Building Regulation standard. The exposed, marine environment meant traditional mineral fibre sprays or board insulation could not offer long-term thermal efficiency or condensation control.

The Solution: 85mm of **Pirthane HR**, polyurethane foam, sprayed directly to the underside of the concrete soffit, achieved a 0.25 W/m^2K U-value.

Pirthane FPC intumescent coating was then applied to the foam. This composite that we call **Pirthane ‘0’** complies with the requirements for a Class 0 surface when tested to BS476 Parts 6 & 7.

The Outcome: A monolithic, seamless layer of Pirthane, permanently adhered to the concrete substrate, guarantees energy savings and effective condensation control for the life of the building.

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