

Press Release
9th February 2010

Protected Performance Wins Business

Housebuild timescales can be reduced, whilst building performance along with site safety improved, with patented developments at Roof Profiles.

The innovative combination utilises Roof Profiles' unique Edge Protection System with construction materials from Glidevale including Protect TF200 Thermo and Wunderlay membranes.

The Edge Protection System can eliminate the need for scaffolding whilst the timber frame kit is erected, and assist in the milestones of the critical build path. The Glidevale Protect membranes help ensure the entire structure is watertight as soon as the kit is erected, enabling earlier access for follow-on trades and thus further improving build time. Once the building is complete, the Glidevale materials help optimise not only continued watertightness but improved thermal emissions.

John Patterson, Roof Profiles Sales Director, comments, "The tighter Building Regulations require a U value of $0.3W/m^2K$, which conventional build paper cannot achieve. Glidevale's Protect TF200 Thermo helps us achieve $0.25W/m^2K$, whilst Protect Wunderlay takes care of weatherproofing the roof until the roof covering is laid."



Protect TF200 Thermo provides a highly reflective yet permeable low emissivity layer. When installed facing into an unventilated airspace, the material effectively blocks infra red radiation and enhances the thermal performance of the airspace, and hence the overall U value of the wall construction. As well as complementing the wall's thermal performance, TF200 Thermo has a water vapour resistance of $0.5MNs/g$, which meets the requirements of NHBC, TRADA and BS5250. It also provides a second line of defence against water penetration during the construction phase.

Protect Wunderlay is a strong yet lightweight type HR roof underlay which can act as a temporary pitched roof covering during construction. It is proven to be quicker and easier to fit than conventional bitumen 1F felt, being easier to handle and cut, and more resistant to tearing, producing labour savings and accelerating the build process. In addition it is unaffected by temperature during installation, unlike conventional 1F which can be brittle in cold temperatures and soft in higher summer temperatures. Once the roof is completed, Wunderlay provides a secondary line of defence against wind driven rain and snow and is carries unrestricted certification with regard to wind uplift.



Both Protect TF200 Thermo and Protect Wunderlay have BRE certification, and are part of Glidevale's comprehensive Protect brand of roofing underlays and structural building membranes. The company-part of the Building Product Design Group- additionally supplies roofing and roof ventilation products aimed at providing innovative yet practical solutions to changing market requirements.

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