



## DESIGNED TO MEET RIGOROUS STANDARDS

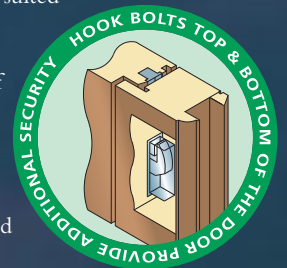


Continental style, British winter performance

We have improved our extensive range of door sets with the introduction of a revolutionary new range of hemlock panel and French Casement doors.

Designed to meet the rigorous standards of Document L and to provide improved performance and security, this new range incorporates 58mm thick doors, which are cleverly rebated to fit into standard door frame rebates. The doors mirror the 24mm low-E drained and ventilated glazing system and 60 sloped glazing platforms, as currently used on Howarth's window ranges, and together with matching beads and glazing bars provide a fully suited solution.

A high level of security is provided by the use of hook bolts top and bottom and deadlocking mortice locks fitted centrally on both single and French door sets which, together with security hinges, achieve a high level of security with single door sets achieving PAS 24 at an accredited UKAS testing house.



French doors also incorporate a concealed deadbolt top and bottom in the slave door.

Weatherproofing is also essential to protect the home during the worst of the British winter - keeping warmth in and rain out. Howarth's High Performance door sets all include full weather stripping around the doors and for French doors, a double strip between the meeting stiles.

### ANTI CAPILLARY GAP

Both vertical glazing beads and vertical external plant-on bars have an anti capillary gap created where they meet the drained and vented bottom bead.

This design minimises the chance of moisture uptake through the exposed endgrain, reducing the likelihood of degradation to both timber and paint finish.