



DOOR BLANK FITTING INSTRUCTIONS CP LIGHT 33

To comply with FD30 Fire regulations details below must be strictly adhered to

* **“For C P Light FD30 fire doors:** Lorient Polyproducts 15 x 4mm Palusol 100 must be fitted centrally in the frame reveal, and in one leaf meeting edge only if used as a double leaf. This needs to be increased to 20 x 4mm for door leaves over 2135mm high or 915mm wide.”

* **“The maximum glazed aperture** that can be cut into door leaves of this type is 0.92m² and must be no closer than 100mm from any leaf edge. Multiple apertures are permitted up to the maximum area providing 80mm of door blank is retained between apertures (approved intumescent systems and glass types are available on request).

* **“Doors must be lipped on all edges** with minimum 8mm thick hardwood of minimum density 640kg/m³ and glued using a thermo setting adhesive (e.g. Cascamite). Rebated meeting edges are not permitted”

* **“The minimum door frame section** is 70 x 32mm with a 12mm planted door stop and constructed from softwood and hardwood of minimum density 510kg/m³.

* “Single leaf, single acting and double leaf, double acting doorsets are approved for this design of door blank. Overpanels may only be used if separated from the door leaf by a transom of equal specification to the door frame.

* **“Leaves must be fitted with a minimum of 3 No. steel or brass hinges** spaced 150-200mm down from the leaf head, 150-200mm up from the bottom edge with the remainder equidistant between the top and the bottom. Approved floor springs may also be used providing the top strap and pivot are protected with an intumescent gasket.”

* **“Leaf to frame gaps must not exceed 4mm** except for the threshold which can be up to 10mm to allow for floor coverings. Guidance for sealing the frame to structural opening gap can be found in BS 8214: 2008 which should be referred to where appropriate.”

“Full technical details are contained in global assessment report reference Chilt/A10029 Revision A.”