

FORZA DOORS

FD30/FD60/FD90/FD120 DOORSET INSULATION

Extract from IFC Field Of Application Reports FD30 (i) PAR/10321/01 Rev.D & FD60 (ii) PAR/10896/01 Rev B

“Doorsets containing less than 20% surface area of non-insulating features, such as glazing, are tested to the conditions of BS476: Part 22: 1987, section 7. These assemblies are evaluated as insulating doorsets on the basis that the solid part of the leaf satisfies the temperature criteria. The assemblies outlined within the above Field of Applications are permitted to have glazed areas and air transfer grilles and are therefore evaluated to this standard providing the maximum total aperture area is less than 20% of the leaf size.

The leaves may include small apertures, up to a maximum of 20% of the leaf size, and are evaluated to Section 7 for insulation as well as integrity, achieving in excess of (i)30 minutes & (ii)60 minutes for both criteria.

The doorsets are also assessed to Section 6 of BS476: Part 22: 1987 for a (i) 30 minute(44mm) and a (ii) 60 minute(54mm) performance rating for both integrity and insulation, without vision panels in the leaves or with vision panels incorporating fully insulating glass.”

Extract from IFC Field Of Application Reports FD90 (iii) PAR/10918/01 Rev.A & FD120 (iv) PAR/10922/01 Rev A

“Doorsets containing less than 20% surface area of non-insulating features, such as glazing, are tested to the conditions of BS476: Part 22: 1987, section 7. These assemblies are evaluated as insulating doorsets on the basis that the solid part of the leaf satisfies the temperature criteria. The assemblies outlined within the above Field of Applications are permitted to have glazed areas and so could therefore be evaluated to this standard providing the maximum total aperture area is less than 20% of the leaf size.

The leaves may include small apertures, up to a maximum of 20% of the leaf size or the maximum permitted aperture size whichever is the smaller, and can be evaluated to Section 7 for insulation as well as integrity, achieving in excess of (iii)90 minutes & (iv)120 minutes for both criteria.

The doorsets are also assessed to Section 6 of BS476: Part 22: 1987 for a (iii) 90 minutes and a (iv) 120 minutes performance rating for both integrity and insulation without vision panels in the leaves.”