

Intumescent Protection Requirements for Concealed Door Closers on Fire Doors

Item	Description	Certifire Reference	FD30 Timber Door INT2024(36) Intumescent pack required	FD60 Timber Door INT2024(36) Intumescent pack required
DCC2003CF/36	High Efficiency Concealed Closer Fixed size 3 (36mm)	CF5087	✓	✓
DCC2024CF	High Efficiency Concealed Closer Power Size 2-4	CF5087	✓	✓
DCC2024CF/36	High Efficiency Concealed Closer Power Size 2-4 (36mm)	CF5087	✓	✓

✓ = Approved

Technical Properties of Intumescent Material				
Material	Initial Expanding Deg -C	Main Body Expanding Deg -C	Free Expansion Rate	Density
Intercalated graphite' 0.8mm sheet	>-180°C	550°C	Multi Directional X 40 Volume	1.2g/cm3