

CERTIFICATE OF APPROVAL No CAF 196

This is to certify that, in accordance with TS00 General Requirements for Certification of Fire Protection Products
The undermentioned products of

Designated CERTIFIRE Approved Door and Blank Manufacturers as Converted by

DOORPAC LIMITED

Unit 6 Ranskill Court, Sheffield, S9 5FZ, United Kingdom Tel: 01142 561615

Have been assessed against the requirements of the Technical Schedule(s) denoted below and are approved for use subject to the conditions appended hereto:

SCOPE OF APPROVAL

Approved for processing* of fire doors and/or blanks manufactured by CERTIFIRE approved companies as specified in this certificate: Blank conversion, apertures; glazing of apertures and door frames

TECHNICAL SCHEDULE

TS10 Fire Resisting Door Assemblies with non- Metallic Leaves

* Not all processes are suitable for all door constructions.

Signed and sealed for and on behalf of Warringtonfire Testing and Certification Limited

Paul Duggan

Certification Manager







GLAZED APERTURES and DOOR FRAMES (Premdor Crosby Limited)

- 1. This approval relates to the cutting of apertures with or without glazing in doors supplied by Premdor Crosby Limited and to the manufacture of doorframes. Subject to the undermentioned conditions, the doors will meet the requirements as detailed in the relevant certificates.
- 2. This certification is provided to the client for their own purposes, and we cannot opine on whether it will be accepted by Building Control authorities or any other third parties for any purpose.
- 3. The certified doors for which the cutting of apertures, subsequent glazing thereof and provision of frames is approved are as following:

Certificate	Timber Door Product	Aperture	Glazing of	Manufacture of	Resizing	Door Assemblies	
Number		Cutting	Apertures	Frames		Doorsets	Doors & Frames
CF195	FD30 Premdor Fireshield	✓	✓	✓	×	✓	✓
CF198	FD30 Moulded Skin Chipboard Core	✓	✓	✓	×	✓	✓
CF240	FD30 Premcore	✓	✓	✓	✓	✓	✓
CF240A	FD30 Strebord 44	✓	✓	✓	✓	✓	✓
CF241	FD60 Premcore	✓	✓	✓	✓	✓	✓
CF241A	FD60 Strebord 54	✓	✓	✓	✓	✓	✓
CF302	FD60 Flaxcore	×	×	✓	×	✓	✓
CF380	FD30 Tubecore Lite	✓	✓	✓	×	✓	✓
CF625	FD30 PremCORE Lite (L)	✓	✓	✓	✓	✓	✓

Note: The scope of approval and field of application for the doors is contained in the above referenced certificates.

- 4. Apertures, glazing and frames shall be in accordance with Premdor Crosby Limited construction specifications and data sheets for the above referenced products.
- 5. Please refer to the relevant / current CERTIFIRE data sheet for suitable frame material options.
- 6. Processing is conducted in accordance with Premdor Crosby Limited procedures.
- 7. The process is approved on the basis of on-going certification of quality management system to ISO 9001:2015.
- 8. Inspection and surveillance of factory production control

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- 9. The approval relates to on-going production.
- 10. Approved products carry both the original manufacturer's CERTIFIRE approval label, a second label identified with the processor's name and contact number, the CERTIFIRE name, or name and mark, and the CERTIFIRE certificate number and a unique serial number.

Page 2 of 17 Signed CXY93870-1



GLAZED APERTURES and DOOR FRAMES (Vicaima Limited)

- 1. This approval relates to the cutting of apertures with or without glazing in doors supplied by Vicaima Limited and to the manufacture of door frames. Subject to the undermentioned conditions, the doors will meet the requirements as detailed in the relevant certificates.
- 2. This certification is provided to the client for their own purposes, and we cannot opine on whether it will be accepted by Building Control authorities or any other third parties for any purpose.
- 3. The certified doors for which the cutting of apertures, subsequent glazing thereof and provision of frames is approved are as following:

Certificate	Timber Door	• • • • • • • • • • • • • • • • • • • •		Resizing	Door Ass	emblies	
Number	Product	Cutting	Apertures	of Frames		Doorsets	Doors & Frames
CF218	FD30 'SDC'	✓	✓	✓	x	✓	✓
CF454	FD60	✓	✓	✓	x	✓	✓

Note: The scope of approval and field of application for the doors is contained in the above referenced certificates.

- 4. Apertures, glazing and frames shall be in accordance with Vicaima Limited construction specifications and data sheets for the above referenced products.
- 5. Please refer to the relevant / current CERTIFIRE data sheet for suitable frame material options.
- 6. Processing is conducted in accordance with Vicaima Limited procedures.
- 7. The process is approved on the basis of on-going certification of quality management system to ISO 9001:2015.
- 8. Inspection and surveillance of factory production control
- 9. The approval relates to on-going production.
- 10. Approved products carry both the original manufacturer's CERTIFIRE approval label and a second label identified with the processor's name and contact number, the CERTIFIRE name, or name and mark, together with the CERTIFIRE certificate number and a unique serial number.

Page 3 of 17 Signed CXY93870-1



BLANK CONVERSION, GLAZED APERTURES and DOOR FRAMES (Halspan Limited)

- This approval relates to the sizing and lipping and cutting of apertures, with or without glazing, in blanks supplied by Halspan Limited and to the manufacture of door frames. Subject to the undermentioned conditions, the doors will meet the requirements as detailed in the relevant certificates.
- 2. This certification is provided to the client for their own purposes, and we cannot opine on whether it will be accepted by Building Control authorities or any other third parties for any purpose.
- 3. The certified blanks for which the sizing and lipping of blanks, cutting of apertures, subsequent glazing thereof and provision of frames is approved are as following:

Certificate Timber Door		Sizing & Aperture		Glazing of	Manufacture	Door Assemblies	
Number	Number Product lipping	lipping	Cutting A	Apertures	of Frames	Doorsets	Doors & Frames
CF435	FD30 Prima blank	✓	✓	✓	✓	✓	✓
CF436	FD60 Prima blank	✓	✓	✓	✓	✓	✓
CF534	FD30 Optima blank	✓	✓	✓	✓	✓	✓
CF535	FD60 Optima blank	✓	✓	✓	✓	✓	✓

Note: The scope of approval and field of application for the doors is contained in the above referenced certificates.

- 4. Lippings, apertures, glazing and frames shall be in accordance with Halspan Limited construction specifications and data sheets for the above referenced products.
- 5. Please refer to the relevant / current CERTIFIRE data sheet for suitable frame material options.
- 6. Processing is conducted in accordance with Halspan Limited procedures.
- 7. The process is approved on the basis of on-going certification of quality management system to ISO 9001:2015.
- 8. Inspection and surveillance of factory production control

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- 9. The approval relates to on-going production.
- 10. Approved products carry a label identified with the processor's name and contact number, the CERTIFIRE name, or name and mark, together with the CERTIFIRE certificate number and a unique serial number.

Page 4 of 17 Signed CXY93870-1



BLANK CONVERSION, GLAZED APERTURES and DOOR FRAMES (Pacific Rim Wood Limited)

- 1. This approval relates to the sizing and lipping and cutting of apertures, with or without glazing, in blanks supplied by Pacific Rim Wood Limited and to the manufacture of door frames. Subject to the undermentioned conditions, the doors will meet the requirements as detailed in the relevant certificates.
- 2. This certification is provided to the client for their own purposes, and we cannot opine on whether it will be accepted by Building Control authorities or any other third parties for any purpose.
- 3. The certified blanks for which the sizing and lipping of blanks, cutting of apertures, subsequent glazing thereof and provision of frames is approved are as following:

Certificate			Manufacture	Door Assemblies			
Number	Product	lipping	Cutting	Apertures	of Frames	Doorsets	Doors & Frames
CF5260	FD30 Flamebreak blank	✓	✓	✓	✓	✓	✓
CF5261	FD60 Flamebreak blank	✓	✓	✓	✓	✓	✓

Note: The scope of approval and field of application for the doors is contained in the above referenced certificates.

- 4. Lippings, apertures, glazing and frames shall be in accordance with Pacific Rim Wood Limited construction specifications and data sheets for the above referenced products.
- 5. Please refer to the relevant / current CERTIFIRE data sheet for suitable frame material options.
- 6. Processing is conducted in accordance with Pacific Rim Wood Limited procedures.
- 7. The process is approved on the basis of on-going certification of quality management system to ISO 9001:2015.
- 8. Inspection and surveillance of factory production control
- 9. The approval relates to on-going production.
- 10. Approved products carry a label identified with the processor's name and contact number, the CERTIFIRE name, or name and mark, together with the CERTIFIRE certificate number and a unique serial number.

Page 5 of 17 Signed CXY93870-1

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BLANK CONVERSION, GLAZED APERTURES and DOOR FRAMES (Doorpac Limited)

- 1. This approval relates to the sizing and lipping and cutting of apertures, with or without glazing, in blanks supplied by Doorpac Limited and to the manufacture of door frames. Subject to the undermentioned conditions, the doors will meet the requirements as detailed in the relevant certificates.
- 2. This certification is provided to the client for their own purposes, and we cannot opine on whether it will be accepted by Building Control authorities or any other third parties for any purpose.
- 3. The certified blanks for which the sizing and lipping of blanks, cutting of apertures, subsequent glazing thereof and provision of frames is approved are as following:

Certificate				Manufacture	Door Assemblies		
Number	Product	lipping	Cutting	Apertures	of Frames	Doorsets	Doors & Frames
CF5228	FD30 Strebord 44	✓	✓	✓	✓	✓	✓
CF5229	FD60 Strebord 54	✓	✓	✓	✓	✓	✓

Note: The scope of approval and field of application for the doors is contained in the above referenced certificates.

- 4. Lippings, apertures, glazing and frames shall be in accordance with Doorpac Limited construction specifications and data sheets for the above referenced products.
- 5. Please refer to the relevant / current CERTIFIRE data sheet for suitable frame material options.
- 6. Processing is conducted in accordance with Doorpac Limited procedures.
- 7. The process is approved on the basis of on-going certification of quality management system to ISO 9001:2015.
- 8. Inspection and surveillance of factory production control
- 9. The approval relates to on-going production.
- 10. Approved products carry a label identified with the processor's name and contact number, the CERTIFIRE name, or name and mark, together with the CERTIFIRE certificate number and a unique serial number.

Page 6 of 17 Signed CXY93870-1

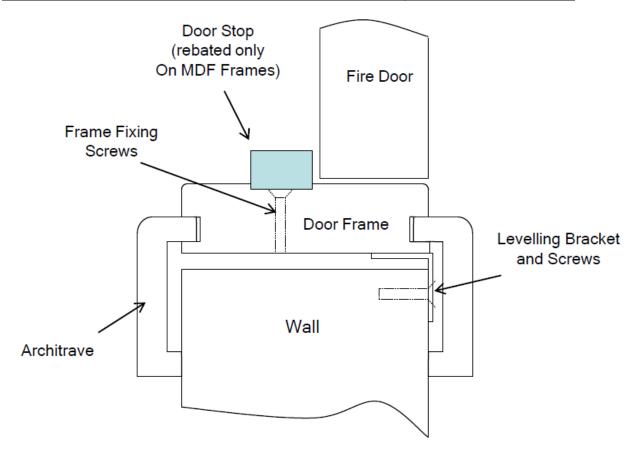
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CERTIFICATE No CAF 196 DOORPAC LIMITED

QUICK 2 FIT FIRE DOOR FRAMES

Frame (all frames must be fitted with intumescent seals as required by the relevant door certificate)



Page 7 of 17 Signed CXY93870-1

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QUICK 2 FIT FIRE DOOR FRAMES

Frame (all frames must be fitted with intumescent seals as required by the relevant door certificate)

Option 1	
Door Type:	FD30 (see Table 1 for permitted doors)
Frame material:	MDF (see relevant CERTIFIRE certificate for min. density)
Door Stop Material:	MDF
Architrave Material:	MDF
Frame Dimensions:	Minimum 25 x 77 mm - *See Table 1 for exceptions to this minimum section
Door Stop Dimensions:	14.5 x 25 mm (in addition to frame lining section)
Architrave Rebate in Frame:	9 mm deep x 10 mm wide

Table 1 - MDF Framed FD30 Doors (Option 1)

Certificate	Timber Door Product	Certificate	Timber Door Product
CF195	Premdor Fireshield	CF218*	Vicaima FD30 (Standard Duty Core) Timber Door Assemblies
CF198	Premdor FD30 Moulded Skin Chipboard Core	CF435*	Halspan FD30 Prima
CF240*	Premdor FD30 PremCORE	CF534*	Halspan FD30 Optima
CF240A	Premdor FD30 Strebord 44	CF5228*	Doorpac FD30 Strebord 44
CF380	Premdor FD30 Tubecore Lite	CF5260*	PRW FD30 Flamebreak
CF625*	Premdor FD30 PremCORE Lite (L)		

^{*} Requires alternative MDF frame minimum section sizes, the sizes given in the relevant door certificate supersede those given in this certificate and must be complied with.

Please note that CERTIFIRE door certificates are subject to change and therefore should be checked with regards to material suitability before proceeding

Page 8 of 17 Signed CXY93870-1

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QUICK 2 FIT FIRE DOOR FRAMES

Frame (all frames must be fitted with intumescent seals as required by the relevant door certificate)

Option 2	
Door Type:	FD30 (see Table 2 for permitted doors)
Frame material:	Softwood/Hardwood (see relevant CERTIFIRE certificate for min. density & species restrictions)
Door Stop Material:	Softwood/Hardwood
Architrave Material:	MDF/ Softwood/Hardwood
Frame Dimensions:	Minimum 32 x 77 mm
Door Stop Dimensions:	15 x 30 mm (in addition to frame lining section)
Architrave Rebate in Frame:	9 mm deep x 10 mm wide

Table 2 – Softwood Framed FD30 Doors (Option 2)

Certificate	Timber Door Product	Certificate	Timber Door Product
CF195	Premdor Fireshield	CF218	Vicaima FD30 (Standard Duty Core) Timber Door Assemblies
CF198	Premdor FD30 Moulded Skin Chipboard Core	CF435	Halspan FD30 Prima
CF240	Premdor FD30 PremCORE	CF534	Halspan FD30 Optima
CF240A	Premdor FD30 Strebord 44	CF5228*	Doorpac FD30 Strebord 44
CF380	Premdor FD30 Tubecore Lite	CF5260	PRW FD30 Flamebreak
CF625	Premdor FD30 PremCORE Lite (L)		

^{*} Requires alternative softwood / hardwood frame minimum section sizes, the sizes given in the relevant door certificate supersede those given in this certificate and must be complied with.

Please note that CERTIFIRE door certificates are subject to change and therefore should be checked with regards to material suitability before proceeding

Page 9 of 17 Signed CXY93870-1

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QUICK 2 FIT FIRE DOOR FRAMES

Frame (all frames must be fitted with intumescent seals as required by the relevant door certificate)

Option 3	
Door Type:	FD60 (see Table 3 for permitted doors)
Frame material:	MDF (see relevant CERTIFIRE certificate for min. density)
Door Stop Material:	MDF
Architrave Material:	MDF/ Softwood/Hardwood
Frame Dimensions:	Minimum 30 x 77 mm - *See Table 3 for exceptions to this minimum section
Door Stop Dimensions:	14.5 x 25 mm (in addition to frame lining section)
Architrave Rebate in Frame:	9 mm deep x 10 mm wide

Table 3 – MDF Framed FD60 Doors (Option 3)

Certificate	Timber Door Product
CF241	Premdor FD60 Premcore
CF241A	Premdor FD60 Strebord 54
CF5229*	Doorpac FD60 Strebord 54

* Restricted to single-acting door assemblies only and shall incorporate Pyroplex FO8700 Graphite Rigid box intumescent seals.

Please note that CERTIFIRE door certificates are subject to change and therefore should be checked with regards to material suitability before proceeding

Page 10 of 17 Signed CXY93870-1

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QUICK 2 FIT FIRE DOOR FRAMES

Frame (all frames must be fitted with intumescent seals as required by the relevant door certificate)

Option 4	
Door Type:	FD60 (see Table 4 for permitted doors)
Frame material:	Hardwood (see relevant CERTIFIRE certificate for min. density & species restrictions)
Door Stop Material:	Hardwood
Architrave Material:	MDF/ Softwood/Hardwood
Frame Dimensions:	Minimum 32 x 77 mm - *See Table 4 for exceptions to this minimum section
Door Stop Dimensions:	15 x 30 mm (in addition to frame lining section)
Architrave Rebate in Frame:	9 mm deep x 10 mm wide

Table 4 - Hardwood Framed FD60 Doors (Option 4)

Certificate	Timber Door Product	Certificate	Timber Door Product
CF241	Premdor FD60 PremCORE	CF436	Halspan FD60 Prima
CF241A	FD60 Strebord 54	CF535	Halspan FD60 Optima
CF302*	Premdor Crosby Limited FD60 Flush Flax Door Assemblies	CF5229	Doorpac FD60 Strebord 54
CF5261	PRW FD60 Flamebreak	CF454	Vicaima Limited FD60 Prima Timber Door Assemblies

^{*} Requires alternative hardwood frame minimum section sizes, the sizes given in the relevant door certificate supersede those given in this certificate and must be complied with.

Please note that CERTIFIRE door certificates are subject to change and therefore should be checked with regards to material suitability before proceeding

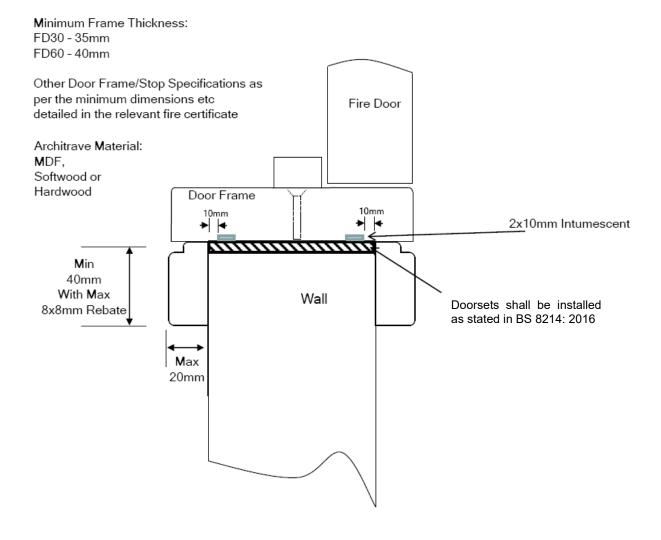
Page 11 of 17 Signed CXY93870-1

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Timber System 4 Frames

Frame (all frames must be fitted with intumescent seals as required by the relevant door certificate)



Page 12 of 17 Signed CXY93870-1

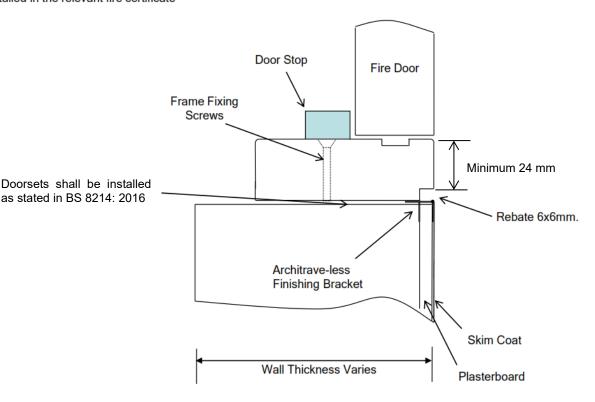
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Timber System 5 Frames

Frame (all frames must be fitted with intumescent seals as required by the relevant door certificate)

Door Frame/Stop Specifications as per the minimum dimensions etc detailed in the relevant fire certificate



Page 13 of 17 Signed CXY93870-1

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GU MULTIPOINT LOCKS

Single-acting, single-leaf, latched (Top / middle / bottom) door assemblies utilising <u>Flamebreak FF630</u> <u>44 mm</u> thick blanks as certificated within CF5260 may include GU Secury Auto bolting multipoint locks complete with GU adjustable Keeps, in accordance with the specification details below:

Configuration	Max Height (mm)	Max Width (mm)	Max Area (m²)
Single-acting, Single-leaf	2040	924	1.88
Latched (top / middle / bottom)	(at 924 wide)	(at 2040 high)	1.00

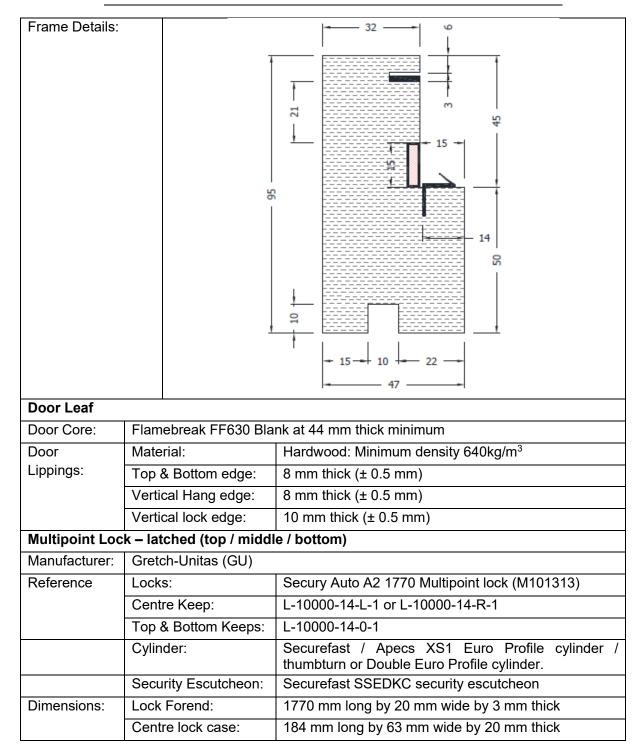
Door Frame			
Material:	Hardwood: Minimum density 640kg/m³		
Section Size:	Minimum 95 mm by 47 mm thick complete with a 15 mm deep rebate		
Jointing:	Butt jointed & secured using 3 No.5 by 90 mm CSK screws at each joint.		
Intumescent:	1No. Mann McGowan Pyrostrip 500P (CF356) seal with overall dimensions 15 mm wide by 4 mm thick positioned 30 mm from the opening face of the frame, within the frame reveal, and 1No. BASF Wolman GmbH SP1020N, Mono Ammonium Phosphate intumescent with overall dimensions 10 mm wide by 2 mm thick positioned 6 mm from the opening face of the frame, within the frame reveal.		
Smoke Seal:	Lorient LAS1206K interference fitted into rebate with adhesive backing.		

Page 14 of 17 Signed CXY93870-1

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CERTIFICATE No CAF 196 DOORPAC LIMITED



Page 15 of 17 Signed CXY93870-1

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	Top & Bottom Case:	120 mm long by 44 mm wide by 20 mm thick
	Centre Keep:	210 mm long by 27 mm wide by 21.5 mm deep, with 3 mm thick forends
	Top & Bottom Keep:	140 mm long by 27 mm wide by 24 mm deep, with 3 mm thick forends
Intumescent: protection	Centre, Top & Bottom Lock cases:	All 3No lock cases are to be fully encased with a Flexifire intumescent kit comprising of 1 mm thick Graphite intumescent sheet material
	Centre, Top & Bottom Keeps:	The keeps & keep forends are to be bedded on a Flexifire intumescent kit comprising of 1 mm thick Graphite intumescent sheet material, positioned to the sides and lower edge of each keep pockets and behind the keep forends and keep bodies.
	Cylinder:	Norseal NOR910 graphite based intumescent sheet material to the cylinder recess

- Recessing for locks shall result in a tight fit, allowing for the intumescent protection specified.
- No restriction on type and material of face fixed mechanical lever handles and knobs.
- The Euro profile cylinder recess in the door face shall follow the shape of the cylinder and result in a tight fit, allowing for the intumescent protection specified.

All other scope relating to the CF5260 doorset design should comply with CF5260 accordingly.

FD30 - Linear Gap Sealing Arrangements

In addition to the processing covered within this certificate, Doorpac Ltd may incorporate one of the linear gap sealing arrangements detailed below into the door frames of any of the leaves and blanks covered by this certificate.

The gap between the rear of the frame and the supporting construction may include alternative linear gap sealing arrangements in accordance with the following specification:

- Maximum 20 mm gap between the rear of the frame and the supporting construction
- Minimum frame dimensions and minimum density in accordance with the Construction Specification and Data Sheets for each of the certificated products referenced within CAF196
- 40 mm wide by 3 mm thick Vanquish FlexiFire HE graphite based intumescent positioned in the rear of the frame, 15 mm from the opening face of the frame.
- Brick, block, masonry, timber, or steel stud supporting constructions of minimum overall thickness 85 mm, providing at least 30 minutes fire resistance and previously proven capable of supporting a fire door assembly for the required integrity performance.
- Plastic packers to all fixing points

Page 16 of 17 Signed CXY93870-1

Issued: 29th May 2009
Reissued: 13th April 2024
Valid to: 28th May 2028



• MDF architraves (minimum density 750kg/m³) with minimum overall dimensions 57 mm wide by 18 mm thick to both the opening and closing face of the frame jambs and head.

In addition to the above requirements, including the 40 mm wide by 3 mm thick Vanquish FlexiFire HE graphite intumescent, the gap between the rear of the frame and the supporting construction may additionally be infilled, with Fire and acoustic Seals Ltd, Fire Door Foam as certificated in CF5839.

FD60 - Linear Gap Sealing Arrangements

The gap between the rear of the frame and the supporting construction may include alternative linear gap sealing arrangements in accordance with the following specification:

- Maximum 20 mm gap between the rear of the frame and the supporting construction
- Minimum frame dimensions and minimum density in accordance with the Construction Specification and Data Sheets for each of the certificated products referenced within CAF196
- 40 mm wide by 3 mm thick Vanquish FlexiFire HE graphite based intumescent positioned in the rear of the frame, 15 mm from the opening face of the frame.
- Brick, block, masonry, timber, or steel stud supporting constructions of minimum overall thickness 85 mm, providing at least 60 minutes fire resistance and previously proven capable of supporting a fire door assembly for the required integrity performance.
- Plastic packers to all fixing points
- MDF architraves (minimum density 750kg/m³) with minimum overall dimensions 57 mm wide by 18 mm thick to both the opening and closing face of the frame jambs and head.

In addition to the above requirements, including the 40 mm wide by 3 mm thick Vanquish FlexiFire HE graphite intumescent, the gap between the rear of the frame and the supporting construction may additionally be infilled, with Fire and acoustic Seals Ltd, Fire Door Foam as certificated in CF5839.

Page 17 of 17 Signed CXY93870-1

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