

# Project Specific Compliance Assurance

- Crealco Aluminium Windows & Doors -



## Wispeco's Crealco fenestration products come with FPD compliance and durability assurance

Architects, builders, QS's, developers, building authorities and even the homeowner can request building regulation compliance and durability assurance from aluminium window and door fabricators and installers.

Fabricators are able to issue a **FPD (Fenestration Performance Declaration)**

for a specific project to declare compliance and durability of fenestration products installed within a new building or renovation project.

### The FPD is:

- A design, manufacturing and installation declaration with a project unique declaration number
- Applicable to Wispeco's Crealco range of aluminium fenestration products
- Generated by aluminium fabricators via a free user friendly online platform [www.crealco-fpd.co.za](http://www.crealco-fpd.co.za)

- Supported by Wispeco's Agrément certified Starfront and U-Solve design software
- Viewable and verifiable online by a third party with a project reference or declaration number



FPD online platform landing page



Fenestration Compliance & Performance Considerations	FPD Covers
Use of Agrément certified Crealco design software competently	✓
Use of correct and genuine material as specified by design software – no copies	✓
Manufactured the windows & doors as per manuals & guidelines	✓
Glazed the correct glass to prevent cracking, sagging, safety failure, etc.	✓
Installed the products as per industry guidelines to prevent failure	✓
Cleaning & Maintenance requirements made available	✓
Thereby proving the projects' products is designed, fabricated, glazed and installed to meet:	✓
• SANS 204 (Energy Efficiency)	✓
• SANS 613 (Mechanical properties, Air Leakage and Water Penetration)	✓
• SANS 10400 N (Safety Glazing)	✓
• Surface finishing standards	✓
• Designed performance and durability expectations	✓

For more information contact: [www.crealco-fpd.co.za](http://www.crealco-fpd.co.za) | [marketing@wispeco.co.za](mailto:marketing@wispeco.co.za) | Tel 011 389 0053



# crealco

Product of Wispeco (Pty) Ltd

## Fenestration Performance Declaration

www.crealco-fpd.co.za

This is a composite assurance document produced by different parties recording their respective contributions in the design, specification, fabrication and installation of the Crealco fenestration products referred to in this document. Wispeco does not accept any responsibilities except for the general endorsements given in Section 3. This document enables the parties to demonstrate their respective contributions to the finished products, thereby assisting the architect to issue a Certificate of Compliance (CoC) for the aluminium fenestration products installed on this project.

Date Issued

24 March 2015

Declaration number

fc488990-2

### Section 1 - Project Details

Project Name	Wispeco Aluminium Building Renovations
Project Description	Upgrading and Renovations to current existing building.
Project Address	678 Potgieter Street, Alrode, Alberton 1451
Building Plan Nr	236 9893 GA 2015

### Section 2 - Fabricator Details

Name of Fabricator	ABC Aluminium
Address	678 Potgieter Street Alrode
Area	Alberton
Postal Code	4151
Phone Number	011 389 0053, 011 389 0053
Fax Number	011 389 0053
Email Address	abc@aluminium.co.za
AAAMSA Membership Number	Applicable if a member of AAAMSA



Optional if member of AAAMSA



### Section 3 - Endorsement of Crealco Design Packages

Wispeco (Pty) Ltd hereby declares that:

- Our StarFront fenestration design software package, referenced by the other parties in this document is validated and certified by Agrément South Africa (an industry recognised technical assessment agency; <http://agrement.co.za/>);
- The fenestration products designed with our StarFront software package (as indicated by the software) is type tested by the Association of Architectural Aluminium Manufacturers of South Africa (AAAMSA); thereby confirming the capability of these products to conform to SANS 613 and SANS 10400N if manufactured in accordance with our manufacture manuals and specifications;
- Our Crealco U-Solve thermal fenestration design software package, referenced by the other parties in this document, has been verified with hotbox test results. Our Crealco U-Solve design software is endorsed by the South African Fenestration and Insulation Energy Rating Authority (SAFIERA) and certified by Agrément South Africa (an industry recognised technical assessment agency; <http://agrement.co.za/>) and delivers certified U-values and SHGC-values, thereby facilitating compliance with SANS 10400 XA and SANS 204.



### Section 4 - Design Declaration

I declare that:

- I have used the StarFront package competently to ensure that all the specified fenestration products installed on this project comply with the mechanical/structural requirements of SANS 613 and safety glazing requirements of SANS 10400N (excluding those products listed below):

None

(The actual FPD will have one of the following options only.)

- I have used the thermal/energy efficiency designs as supplied to me by the architect who has accepted responsibility for compliance of the products according to the requirements of SANS 10400XA & 204.
- I have used the Crealco U-Solve package to ensure that all the installed fenestration products comply with the thermal/energy efficiency requirements of SANS 10400XA and SANS 204 and accept responsibility for such designs. Where the design parameters however fall outside the ambit of the U-Solve software package, the architect accepts responsibility that those specific designs as listed here comply with the requirements of SANS 10400XA and SANS 204.

None

Name of Architect	JJ Conways & Partners Architectural Firm	Address of Architect	126 Dan Jacobs Avenue, Sandton, Johannesburg
Signature of Fabricator		Date of Signature	12/04/2015

### Section 5 - Manufacturing Declaration

I have manufactured the specified fenestration products installed on this project and declare that:

- I have used only genuine Crealco aluminium profiles from Wispeco in the fabrication of these installed Crealco fenestration products;
- The powder coating and anodising finishes applied to these products comply to SANS 1796 AND SANS 999 or a recognised equivalent international finishing standard such as Qualicoat or Qualanod;
- I have only fitted Crealco approved or equivalent quality hardware accessories to the installed products;
- I have fabricated the installed products in accordance with the Crealco manuals and guidelines as well as in accordance with other recognised fenestration industry guidelines;
- The relevant user/owner guidelines for the maintenance and cleaning of these fenestration products are available on request.

Signature of Fabricator		Date of Signature	12/04/2015
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### Section 6 - Installation Declaration

I have installed the specified fenestration products for this project and declare that:

- I have fitted the glass as per design requirements from Section 4 above;
- The glazed products comply to the safety glazing requirements of SANS 10400N;
- I have installed the products in accordance with the Crealco manuals and guidelines as well as in accordance with other recognised fenestration industry guidelines.

Signature of Fabricator / Installer		Date of Signature	12/04/2015
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