

FIRE RESISTANCE TEST FACILITY



20 Chardonnay Street, Saxenburg Park 1, Blackheath, Kuilsrivier, Cape Town
Tel 021 905 0322

CLIENT

Stronghold Fire & Security cc
Daphne Eva
10 Gerhardus Road
Henville
Elandsfontein
Tel 0833214240

TEST REPORT

Test date: 25-Apr-22
Test Number: 2022-04-25 Stronghold Doors
Place of test: Cape Town
Test Description: Door, Double hinged Fire Door Assembly
Type: Double Door
Core Material: VB Fire Stop
Finishing Material: Water-based Acrylic Latex Paint Finish
Direction: Opening towards egress
Standards: SANS 10177-2:2005 & SANS 1253:2016
Class applied: Class D 120 min
Class Achieved: Class D 120 min, Class B 120 min

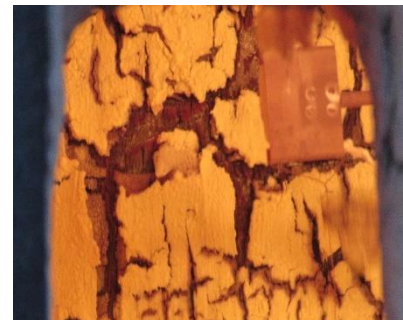
REPORT COMPILATION

Authors: DJ Streicher (Pr Eng 880107) MSc. (Civ)Eng (UCT)
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Fire resistance test report confirmation

FIRE RESISTANCE TEST CONFIRMATION	
Client	Stronghold Fire & Security cc
Test sample type	Double Door
Description	Door, Double hinged Fire Door Assembly as per manufacturer's drawings & identification
Frame material	1.6 mm Mild Steel painted with RED NS4,
Project usage	Industrial or Residential
Core and Finishing Material	VB Fire Stop with Water-based Acrylic Latex Paint Finish
Test report no	2022-04-25 Stronghold Doors
Test facility	Ignis Test Laboratory Cape Town
Class applied	Class D 120 min
Class approved	Class D 120 min
Exposed test area	2430 x 1870 mm
Hardware installed	CISA Fast Touch Plus Double Panic Bar with shoots and 2x Padlatch fixed to top and bottom
Door Closer	CISA Hydraulic Door Closer - C1610 on each leaf
Density	1000 kg/m ³
CRITERIA	
STANDARD	SANS 10177-2:2005 & SANS 1253:2016
Max allowable size	2430 x 1870 mm
Test Heat Direction	Opening away from exposure
Exclusions	Opening towards exposure
Structural Tests performed	Soft and Hard-body tests
Time Class	Class D 120 min
STABILITY	120 min Pass
INTEGRITY	120 min Pass
INSULATION	120 min Pass
AUTHORISATION	
Date Authorised	29-Apr-22
Authorised by	DJ Streicher (Pr Eng 880107) (MEng Civil)
Assistants	JW Swart & MA Whitehead (MEng Civil)
Conditional recommendation	None
Report authenticity period	5 years

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