



South African
Fenestration & Insulation
Energy Rating Association



National Fenestration
Rating Council

**Country
Representative**



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Administered by



SAFIERA ENERGY RATING CERTIFICATION

 	PDC Hardware t/a Hinges and Hardware Heavy Duty Slider	
	ENERGY PERFORMANCE RATINGS	
	U-Value (W/m ² .K)	Solar Heat Gain Coefficient
	5.9	0.32
	ADDITIONAL PERFORMANCE RATINGS	
	Air Infiltration	Visible Transmittance
	0,49 l/s m²	0.44
MECHANICAL PROPERTIES		
Category	Design Wind load	
A2	1500Pa	
<p>The Manufacturer stipulates that these ratings conform to applicable SAFIERA procedures for determining whole product performance. SAFIERA ratings are determined for a fixed set of environmental conditions and a specific product size. SAFIERA does not recommend any product and does not warrant the suitability of any product for any specific use. Consult manufacturer's literature for other product performance information.</p>		

Applicant:

Hinges and Hardware
P O Box 28518
Haymarket, Pietermaritzburg
3200

Product Information:

Frame material: Aluminium
Product name: Hinges and Hardware Heavy Duty Slider
Dimensions: 1195mm wide x 1495mm high
Drawing #: Heavy Duty Slider OX
Glass: 6.38mm CoolVue
IGDB#: 16019

Testing Protocol

Thermal Transmittance: ASTM C 1199-2009 NFRC 102-2010
Mechanical Properties: SANS 613:2009
Computer Simulation: NFRC 100:2004, NFRC 200:2004, NFRC 500:2004

Certification Authority:

Thermal Testing Facility:	Mechanical Testing Facility:	Computer Simulator:
Thermal Test Laboratory	Thermal Test Laboratory	Building Physics
Report # RGHB 13-093-HB	Report #: TTL13-079-APT	Report #: MB1098
Date: 22 April 2014	Date: 02 August 2013	Date: May 2014

Date of Issue: 23 June 2014

CERTIFICATE #

FS 0062

**SAFIERA
Administrator**

**NFRC Country
Representative**

Note:

This certificate is not transferable and applies only to the test unit provided for testing by the applicant. Fenestration manufacturers must individually test their workmanship in respect of the mechanical performance of the manufactured product. See reverse of this page.