

PRODUCT SPECIFICATION
British Fenestration Rating Council (BFRC)

Manufacturer of Energy Rated Windows in accordance with the BFRC Scheme requirements, operated by BM TRADA.

Head Office
Grabex Windows Ltd
 71 St Helier Avenue
 Morden
 Surrey
 SM4 6JD
Manufacturing Address (Not on certificate)
Grabex Windows Ltd
 Unit A, Redhouse Road
 Croydon
 Surrey
 CR0 3AQ



Completed: **Mike Chorlton**
 Checked: **T Johnson**

M. Chorlton *T. Johnson*

BM TRADA CERTIFICATION
Certificate Number 014/097

Issue: 1 Date: **06 August 2010** Details: First issue of scope

Window Description: Eurocell Eurologik 70, Internally beaded PVC-U Tilt & Turn Window

Rating Data	Product Name	Rating Band	Rating Index (kWh/m ² /year)	U _{window} (W/m ² K)	g _{window}	L _{factor} (W/m ² K)	Cert No.
	Eco Defender Tilt & Turn A1	A	1	1.4	0.44	0.00	2184

BFRC Simulation Reports	BFRC Certified Simulator	CS No.	Report Ref / Issue	Rating Band	Date	Cert No.
	Paul Turner (Eurocell)	024	EWER 191	A	11/07/09	2184

Air Leakage	BS6375-1 (EN1026)	UKAS Test House	Report Ref / Issue	Date
		Chiltern Dynamics	Chilt/P07034 (A1 rating)	19/04/07

Window Frame Profiles	Outer Frame: PVC-U	Eurocell; Eurologik 70 Eco Defender Tilt & Turn A1: Ref. EWS 7721 Ovolo (White or coloured)
	T Transom & Mullion: PVC-U	Eurocell; Eurologik 70 Eco Defender Tilt & Turn A1: Ref. EWS 7702 Ovolo (White or coloured)
	Z Transom & Mullion: PVC-U	Eurocell; Eurologik 70 Eco Defender Tilt & Turn A1: Ref. EWS 7703 Ovolo (White or coloured)
	Casement: PVC-U	Eurocell; Eurologik 70 Eco Defender Tilt & Turn A1: Ref. EWS 7707 Ovolo (White or coloured)
	Glazing Bead: PVC-U	Eurocell; Eurologik 70 Eco Defender Tilt & Turn A1: Ref. EWS 7312 Ovolo (White or coloured)
Reinforcement Profiles	Outer Frame: PVC-U	Eurocell; Eurologik 70 Eco Defender Tilt & Turn A1: Ref. EWS 821P Reinforced as per Eurocell Manufacturing Manual
	Transom & Mullion: Galv. steel	Eurocell; Eurologik 70 Eco Defender Tilt & Turn A1: Ref. EWS 621S Reinforced as per Eurocell Manufacturing Manual
	Casement: Galv. steel	Eurocell; Eurologik 70 Eco Defender Tilt & Turn A1: Ref. EWS 7607S Reinforced as per Eurocell Manufacturing Manual
Weather-seals / Glazing Gaskets	Frame Rebate: PVC-P	Co-Extruded to mainframe profiles
	Glazing Rebate: PVC-P	Co-Extruded to mainframe profiles
	Casement Perimeter: PVC-P	Co-Extruded to mainframe profiles
	Glazing Bead: PVC-P	Co-Extruded to mainframe profiles

Glazing Specification	BS EN1279 Pt2 Report	BM TRADA Q-Mark certified
	BS EN1279 Pt3 Report (Gas fill)	BM TRADA Q-Mark certified
	Sealed Unit Supplier	Solaglas (Ecoclear A)
	Sealed Unit Thickness	28 mm
	Outer Pane Specification	4 mm; Saint Gobain Glass; Diamant
	Middle Pane Specification	Not applicable
	Inner Pane Specification	4 mm; Saint Gobain Glass; Planitherm Total (0.04 εn)
	Spacer Bar Specification	19.5mm; Saint Gobain; Swisspacer V; corner keyed
	Desiccant Specification	3Å Molecular Sieve Desiccant
	Cavity Fill Specification	20 mm; 90% Argon gas; 10% Air
	Primary (Inner) Edge Sealant	Polyisobutylene
	Secondary (Outer) Edge Sealant	Polyurethane resin
Spacer Bar Sightline Height	10.5 mm	