



Compass Glass

BUILT AROUND YOU



Introducing the

ENVIRO THERM Range

of Sealed Insulated Double Glazing combining 24/7/52
Thermal Efficiency and optimum Indoor Comfort

From the **ENVIRO** [®] Range of Architectural and Industrial Glass Products



DESCRIPTION	AESTHETIC	VLT% 	LRE% 	EA% 	SHGC 	U-VALUE 
ENVIROTHERM 1 Clear Low Reflective		56	14	46	0.50	2.60
ENVIROTHERM 2 Clear Light Blue Reflective		46	19	46	0.49	2.70
ENVIROTHERM 3 Clear Medium Reflective		36	21	56	0.41	2.70
ENVIROTHERM 4 Clear Reflective		30	23	58	0.35	2.70
ENVIROTHERM 5 Blue Silver Reflective		21	21	65	0.29	2.60
ENVIROTHERM 6 Green-Blue Silver Reflective		39	16	68	0.35	2.80
ENVIROTHERM 7 Clear Low-E		73	16	35	0.62	2.00
ENVIROTHERM 8 Clear Low-E Silver		67	12	36	0.54	1.90
ENVIROTHERM 9 Clear Multi-functional-E		53	10	57	0.43	1.90
ENVIROTHERM 10 Grey Multi-functional-E		29	10	68	0.34	1.90
ENVIROTHERM 11 Dark Grey Multi-functional-E		21	6	78	0.26	1.90
ENVIROTHERM 12 Blue Multi-functional-E		35	13	72	0.29	1.90

KEY

VLT% Percentage of visible light transmitted • LRE% Percentage of visible light reflected • EA% Percentage of heat absorbed • SHGC Solar Heat Gain Coefficient • U-Value Conducted heat gain or loss



THE BENEFITS

✓	STANDARD 24mm O/A (6+12+6mm) MAKE-UP
✓	BOTH PANES TOUGHENED OR HEAT-STRENGTHENED
✓	GREAT AESTHETICS
✓	SUPERB PERFORMANCE FOR LIGHT, SOLAR, THERMAL AND ACOUSTICS
✓	ALL PERFORMANCE DATA DERIVED FROM NFRC 100-300
✓	ZERO THERMAL SAFETY RISK
✓	NO THERMAL STRESS CRACKING
✓	STRUCTURAL SILICONE APPLIED DIRECTLY TO COATED SURFACE
✓	NO EDGE DELETION REQUIRED
✓	OTHER THICKNESSES AND AIR SPACES AVAILABLE
✓	INNER PANES CAN BE LAMINATED
✓	CAN ALSO BE SINGLE GLAZED FOR SPANDREL AREAS AND ALSO FOR VISION GLAZING SUBJECT TO CORRECT CLEANING PROCEDURES: CLEANING GUIDELINES AVAILABLE ON REQUEST

6MM SINGLE GLAZING

DESCRIPTION	VLT%	LRE%	EA%	SHGC	U-VALUE
ENVIROTHERM 1	63	10	38	0.60	5.2
ENVIROTHERM 2	51	17	37	0.59	5.1
ENVIROTHERM 3	40	19	49	0.51	4.9
ENVIROTHERM 4	33	22	54	0.45	4.8
ENVIROTHERM 5	23	20	62	0.36	4.4
ENVIROTHERM 6	44	14	64	0.46	5.1
ENVIROTHERM 7	82	10	24	0.70	2.8
ENVIROTHERM 8	N/A	N/A	N/A	N/A	N/A
ENVIROTHERM 9	60	8	49	0.53	2.8
ENVIROTHERM 10	32	10	63	0.42	3.0
ENVIROTHERM 11	24	5	76	0.34	2.8
ENVIROTHERM 12	39	12	69	0.37	3.0

AVAILABILITY

AS 24mm (6/12/6mm) SIG UNITS WITH STANDARD CLEAR INNER PANES, ALL FT
OTHER INNERPANE OPTIONS INCLUDING LAMINATED AND LOW-E ARE AVAILABLE ON REQUEST

AIR SPACES

12mm (STANDARD) BUT 6, 8, 10, 16 AND 20mm ALSO AVAILABLE ON REQUEST.
SPACER FINISH: SILVER OR BLACK

NORMAL PRODUCTION LIMITS

MIN 250 x 250m TO 3000 x 2000m
SUBJECT TO SANS 10400-N AND 10137 COMPLIANCES



Santam Office, Tyger Valley, CPT

Envirotherm 2 SG



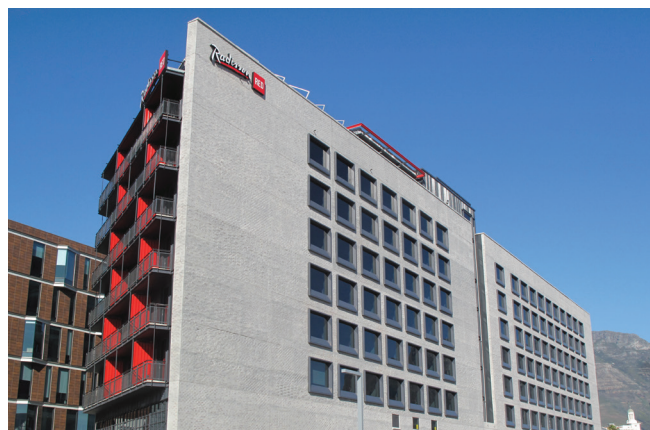
FFG Head Office, Paarl

Envirotherm 3 SG



Clifton Terraces

Envirotherm 9 DG



Radisson Red Hotel

Envirotherm 10 DG



CTICC Extension

Envirotherm 8 DG



House: Penguin Place, Langebaan



Envirotherm 2 DG

Affiliated to



Glass and Glazing Federation

Certified

BS EN  12150, 12600

Level 6 BBBEE Contributor



Valid SABS Certification

Standard Ref

SABS 1263 – 1 2006
SABS 1263 – 2 2007
SABS 1263 – 3 2007
SABS 1192 2005
SABS 1193 2008

Category

NS, HPR
HI
BRG
Lam for vehicles
TSG for vehicles

The ENVIRO[®] Range of Architectural and Industrial Glass from Compass Glass (Pty) Ltd



Supplying all your glass needs for
SAFETY, SECURITY, SOUND CONTROL & SOLAR CONTROL



Normal Strength



High Penetration Resistance



High Impact



Heavy Duty



Blast Resistant



Bullet Resistant



Acoustic Insulation



Energy Saving

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