

# Compass Glass

BUILT AROUND YOU

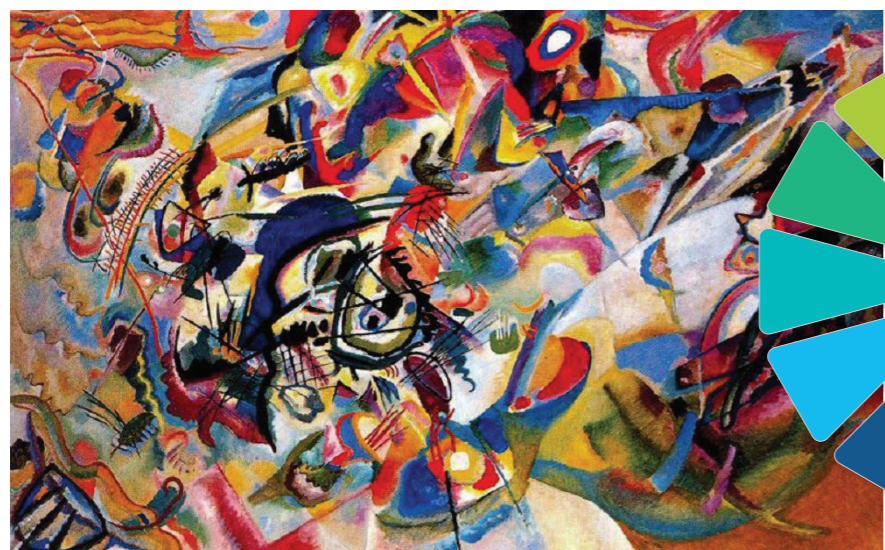


Introducing the

## ENVIROCOAT Range

of Multi-coloured Organic Painted Glass for Interior Design Excellence

From the ENVIRO<sup>+</sup> Range of Architectural and Industrial Glass Products



Wassily Kandinsky, Composition VII, 1913.



Liberate your imagination with

# ENVIROCOAT Multi-coloured Organic Painted Glass

## INTRODUCTION

Envirocoat multi-coloured organic painted glass is produced on 2017 roller coating technology to provide super-consistent applications of paint onto float glass surfaces with total uniformity of colour. The Envirocoat multi-coloured organic painted glass range is composed of **transparent, coloured, lacquered** and **metallic** monocomponent and bicomponent water-based paints that make it possible to achieve high quality aesthetic results with an unrivalled array of effects and colours as well as excellent adhesion and chemical / physical resistance. Working from a set of base colours, the final specified colour is obtained by mixing with advanced computer-control ensuring consistent batch-colour. A virtually limitless range of colours can be produced.

Envirocoat multi-coloured organic painted glass is an exciting, vibrant new material for interior design where clinically clean, easy-to-maintain, durable coloured surfaces are required and where the paint itself is permanently protected on the rear surface of the glass.

## APPLICATIONS

Envirocoat organic painted glass is a thoroughly modern material for use in a multitude of interior design applications, including:

- Splashbacks
- Partitions
- Counter-tops
- Door glazing
- Walk-on floors
- Balustrades

## AVAILABILITY – GLASS

Envirocoat multi-coloured organic painted glass is available on standard annealed (non-toughened) float glass for any situation where safety glass is not required.

For locations that must conform to the requirements of SABS 1263 PRTS 1 & 2, Envirocoat can be supplied as laminated safety glass where the painted surface is contained within the lamination in contact with the PVB interlayer. Superb impact resistance is thus obtained.

**Note:** The entire Envirocoat Range is available in standard (green edge) and extra-clear (low iron) float glass.

CONDITION	“T” mm	NORMAL MAXIMUM SIZE mm
Annealed	4 – 15	3660 x 2440 5.0m <sup>2</sup> max area
Laminated	6.38 – 17.52	3210 x 2440 4.5 – 6.0m <sup>2</sup> max area
Toughened	4 – 15	3660 x 2440 4.5 – 6.0m <sup>2</sup> max area

Following manufacture, the Envirocoat multi-coloured organic painted glass can be subjected to further processing including cutting, drilling, edge-working and sealing without detriment to the excellent adhesion properties of the paint itself.

## AVAILABILITY – ORGANIC PAINT

The immense Envirocoat multi-coloured organic painted glass range is derived from a 16-colour integrated system of pigmented colours conforming to RAL, ICA & NCS parameters which are sourced from a European supplier of highest repute for technical competence, consistency and reliability.

## 16 INTEGRATED PIGMENTS FOR AN INFINITE RANGE OF COLOURS

PRODUCT	COLOUR	PRODUCT	COLOUR
PA40	Oxide Yellow	PA80	Orange
PA77	Citrus Yellow	PA53	Oxide Red
PA76	Warm Yellow	PA46	Green
PA41	Yellow	PA83	Beta Blue2
PA75	Scarlet	PA49	Alpha Blue
PA79	Solid Red	PA44	Violet
PA42	Megenta	PA52	Black
PA74	Bordeaux	PA74	White



## PAINT THICKNESS

From 50 - 150µ depending on application.

## STABILITY

Envirocoat paints are water-based and odorless and are virtually free from VOC's (Volatile Organic Compounds) which are normally harmful to Factory Personnel as well as to the Environment. Envirocoat multi-coloured organic painted glass provides excellent resistance to high humidity, UV exposure and high temperatures.

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## ENVIROCOAT WITH CERAMIC PAINT

Envirocoat with Ceramic paint applied by the roller-coating process is available on toughened glass. For external applications where high resistance to dynamic building loads as well as thermal shock resistance is required. Envirocoat Ceramic is a durable, low-maintenance aesthetic Solution for opaque locations such as wall-cladding and spandrel applications in curtainwall facades where there is no back-lighting. A limited range of colours is available from Black through to White. Paint coverage is 100% and manufacturing limits are shown on Page 2 (Toughened Glass).

## CERTIFICATION

TEST PARAMETERS	EN STANDARD
High humidity	16477 – 1
High temperature	16477 - 1
Uv radiation	16474
Adhesion to glass	2409
Wet adhesion	2409 + water
Resistance to temperature change	9429
Resistance to scratching	1518



See over for Gallery →

## Affiliated to



South African Glass and Glazing Association



Glass and Glazing Federation

## Certified

BS EN CE 12150, 12600

Level 6 BBBEE Contributor



## Valid SABS Certification

Standard Ref #	Category
SABS 1263 – 1 2006	NS, HPR
SABS 1263 – 2 2007	HI
SABS 1263 – 3 2007	BRG
SABS 1192 2005	Lam for vehicles
SABS 1193 2008	TSG for vehicles

## The ENVIRO<sup>®</sup> Range of Architectural and Industrial Glass from Compass Glass (Pty) Ltd



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



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High Penetration Resistance



High Impact



Heavy Duty



Blast Resistant



Bullet Resistant



Acoustic Insulation



Energy Saving

For technical information and pricing, please contact us at:

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