



SELECT

Premium Products



ENERGY SAVING GLASS SOLUTIONS



SELECT

ENERGY SAVING GLASS SOLUTIONS

is a carefully selected range of Domestic and Commercial glass products. Specific Premium Single and Double glazed glass products that provide exceptional performance + Energy Saving.

0860 55 22 22
mccoysglass.co.za

M McCoy's
Leaders in Glass®

4 Selected Superior Single Glazed Options Including options from the McLam® Energy Saving Glass (ESG) Range.

Superior SABS Laminated Safety Glass Products

1



McLam® Regular™

- High light transmission
- UV Protection

2



McLam® ESG Pro™

- High light transmission coupled with exceptional thermal efficiency with a U-Value of 3.65 W/m².K
- Reduced winter heating costs
- Low-E Product

3



McLam® ESG Exclusive™














- Increased heat elimination of 49% while contributing to continued thermal performance
- Low-E Product

4



McLam® ESG Deluxe™

- Improved solar control retaining superior thermal insulation with U-Value of 3.68 W/m².K
- Reduced winter heating costs
- Low-E Product

Single Glazed	 McLam® Regular™	 McLam® ESG Pro™	 McLam® ESG Exclusive™	 McLam® ESG Deluxe™
 Keeps you cool in summer	✓	✓	✓✓	✓✓✓
 Keeps you warm in winter	✓	✓✓	✓✓	✓✓
 Lets light in	✓✓✓	✓✓✓	✓✓	✓
 Keeps noise out	✓	✓	✓	✓
 Keeps energy costs down	✓	✓	✓✓	✓✓✓
 Protects from sun damage	✓✓	✓✓✓	✓✓✓	✓✓✓
 Light Transmission	✓✓✓✓ 88%	✓✓✓	✓✓	✓ 39%
 U-Value (COG)	✓✓✓ 5.8 W/m ² .K	✓✓✓ 3.65 W/m ² .K	✓✓ 3.65 W/m ² .K	✓✓ 3.68 W/m ² .K
 Solar Heat Gain Coefficient	✓ 0.80	✓ 0.71	✓✓ 0.51	✓✓ 0.42

The performance data in the above table is calculated in accordance with NFRC 100-2010, and given as an indication only. U-values and SHGC quoted are "Centre of Glass", and exclude any frame effects. SANS 204 should be consulted for total fenestration values.

To avoid the possibility of thermal stress fracture, it is advisable to request that a thermal stress evaluation is conducted.

Contact us for available stock Sheet Sizes





SELECT

ENERGY SAVING GLASS SOLUTIONS

4 Selected Premium Double Glazed Options All our Double Glazed units are Double Sealed

1

McDouble[™] Regular[™]

- High light transmission
- Solar Heat Gain Coefficient of 0.75
- U-Value of 2.73 W/m².K
- 6.38 McLam[®]/12airspace/4mm

3

McDouble[™] ESG Exclusive[™]

- Enhanced solar reduction whilst retaining good thermal comfort
- 6.38 ESG McLam[®]/12airspace/6mm
- SHGC of 0.43
- U-Value of 1.89 W/m².K
- Low-E Product

2

McDouble[™] ESG Pro[™]

- High light transmission
- Good Thermal efficiency in cold months
- Improved acoustic insulation
- U-Value of 1.90 W/m².K
- 6.38 ESG McLam[®]/12airspace/6mm
- Low-E Product

4

McDouble[™] Delux Plus[™]

- Glare reduction
- Improved heat control
- Thermal excellence
- 6.38 McLam[®]/12airspace/4mm high performance
- SHGC of 0.38
- U-Value of 1.66 W/m².K
- Low-E Product

Double Glazed	McDouble [™] Regular [™]	McDouble [™] ESG Pro [™]	McDouble [™] ESG Exclusive [™]	McDouble [™] Delux Plus [™]
Keeps you cool in summer		✓	✓✓	✓✓✓
Keeps you warm in winter	✓	✓	✓	✓✓✓
Lets light in	✓✓✓	✓✓✓	✓✓	✓✓
Keeps noise out	✓✓	✓✓	✓✓	✓✓
Keeps energy costs down	✓	✓✓	✓✓✓	✓✓✓
Protects from sun damage	✓	✓	✓✓✓	✓✓
Light Transmission	✓✓✓ 80%	✓✓✓✓ 74%	✓✓ 52%	✓✓ 64%
U-Value (COG)	✓✓✓ 2.73 W/m ² .K	✓✓✓✓ 1.9 W/m ² .K	✓✓✓ 1.89 W/m ² .K	✓✓✓ 1.66 W/m ² .K
Solar Heat Gain Coefficient	✓✓ 0.75	✓✓ 0.62	✓✓✓ 0.43	✓✓✓ 0.38

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