

Blonie 08th February 2017

Data sheet LG Hausys WINDOW FILM LC5510M

Areas of use

- Outdoor or Indoor window

Advantage

- Durability : 5years
- Excellent blocking of sun light & UV
- Excellent printability for solvent inkjet printer
- Various embossed pattern & color
- Adhesive : Permanent(LC5510,5511), Removal (Other 5 patterns)

Characteristic

Item	Description
Film	3.5mils(90µm)
Thickness	4.6mils(115µm) with adhesive (± 10 %)
Adhesive	Acrylic based pressure sensitive
Adhesive color	Clear
Liner	Clays coated paper(130g/m ²)
Application surfaces	Flat Surface
Application temp.	≥ 10°C (18 to 25°C optimum)

Durability

Durability is based on field experience and exposure tests in South Korea. Outdoor durability is 5 years (LC5510, LC5511M) & 3 years (LC5520,5521,5522,5540,5550M) when properly processed and applied (unprinted film vertical exposure)

Shelf Life

Shelf life is 1 year from factory shipment
Storage condition: Free from excessive moisture, temperature, direct sunlight (20°C x 50% R.H)

Physical Properties

Property	Result	Test Method
Film thickness	3.5mils(90µm)	Micrometer
Tensile strength	≥ 1.8kg/cm ²	ASTM D882
Elongation	≥ 100%	ASTM D882
Peel Adhesion (24 hours)	≥1,600g/inch	180 peeling PSTC-1
Service temp. range	-45°C ~ 82°C	Film applied AI panels 24hrs prior test
Application temp	≥ 10°C	
Release liner thickness/weight	0.13mm/130g/sqm	