

IRC Spa	PRODUCT BULLETIN EUROLUX® SUPER CONFORMABLE	Rev. 01 dtd 26.01.07
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DESCRIPTION:

Eurolux SUPER CONFORMABLE reflective sheeting range is made of a retro reflective adhesive material

covered with a transparent or coloured coating which gives the product excellent protection against outdoors conditions (uv rays, rain, temperature, etc.).

The EUROLUX® SUPER CONFORMABLE sheeting was designed as various applications :

- Corrugate surfaces
- Automotive use
- Outdoors advertising
- Safety devices
- Emblems

Available colours:

Eurolux SUPER CONFORMABLE reflective sheeting: white, yellow, red, orange, green, blue.

Photometric properties:

All Eurolux SUPER CONFORMABLE reflective sheeting colours are within the colorimetric (code x,y,) and luminance (Y) standard required for reflective sheeting class 1.

Minimum Coefficient of retroreflection:

Colour	Minimum reflectivity 0,2°-4° (cd/lux m2)
White	70
Yellow	50
Orange	25
Red	14,5
Green	9
Blu	4

Other properties:

Physical Properties:

Performance	Result
Weight (with adhesive)	250 Grms./m ²
Specular gloss (glossmeter 85°)	100
Tensile strenght (300 mm/min)	10,5 Kgf
Flexibility (diameter 19mm,180°)	No effect
Impact resistance (at 11,5 Kg/cm)	No crack delaminate
Shrinkage (on adhesive surfance without liner)	Max. 0,05 mm after 24 hrs
Resistance to heat	70 °C x 24 h
Resistance to cold	-55 °C x 72 h
Resistance to humidity	100% RH, 27 °C x 72hrs
Solvent resistance	Kerosenes, immersion for 10 min Alcohols, immersion for 1 min
Weathering test (Weatherometer ASTM G26-83)	After 1100hrs (5 years) all colours After 500hrs (3 years) orange : Reflectivity more than50% of original value Good adhesion Good colour fastness

Adhesive properties :

Performance	Result
Peel adhesion 20'	19 N/25mm
Peel adhesion 24 h'	28 N/25mm
Quick stick	17 N/25mm
Shear	> 15h

Removable liner type::

one side siliconised – weight 140 grms./m².

Standard roll sizes:

- Roll length 50 linear mtrs.
- Roll width:
123 cm



Eurolux®
Reflective Sheeting

Product printability:

Eurolux SUPER CONFORMABLE reflective sheeting range can be screen printed with bi-component polyurethane inks.

- Internal tests have proved an excellent performance with EUROLUX® inks.
- DIGITAL PRINT

Use & Shelf life:

Eurolux SUPER CONFORMABLE reflective sheeting minimum application temperature: 15°C.

The shelf life of Eurolux SUPER CONFORMABLE reflective sheeting is 1 years from goods receipt.

Rolls must be kept in the original box.