

# easyvacuum®

**DESCRIPTION** *Transfer polyester film for finishing of pre-painted aluminium with polyurethane and polyester powder*

**SUPPORT**

*film thickness*  
19 to 23 µm

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*print width*  
1620/1860mm

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*core diameter*  
75 mm

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*roll diameter*  
180 mm

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*roll length*  
750m (standard)

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*weight*  
max. 50 kg

**PRINTING** *In rotogravure using solvent based inks*

**APPLICATION SYSTEMS** *It is possible to apply the product with flat presses that in oven. Miroglio standard transfer parameters for quality control laboratory and production, are:*

	SURFACE METAL TEMPERATURE
FLAT PRESS	200°C (+/- 3°C)
OVEN	190 – 205 °C

*Warning! It's important to follow the detailed instructions for proper application of all elements of decoration from the proper cooking of the bases (see data sheet supplier of powders).*

# technical informations

**QUALITY AND R&D** *Internal quality controls are carried out, particularly through comparative tests of application and evaluation of color rendering and surface ennobled by a direct comparison with master (production standards)*

**LABORATORY TESTS**

*Raw materials, semi-finished products are controlled by:*

FT-IR-ATR (Infrared Spettroscopy)

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GC-FID / HS-GC (Gaschromatography)

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TLC-CCD

**DURABILITY TEST**

*Durability test by accelerated ageing (Xenon Test) according to ISO 16474-2 of the sublimated product on to aluminium profile (phosphor-chromate) painted with Qualicoat approved powder*

*colorimetric coordinates (CIE-LAB) and gloss after 1000 (2000 for Class 2) hours of exposure (ΔE) with intermediate checks every 200-250 hours*

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*contrast between exposed area and the reference sample, evaluation greyscale (ISO 105 A-02)*

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*visual appearance after 1000 hours exposure (2000 for Class 2)*

**STORAGE** *Keep in dry and ventilated place, protect from heat and sunlight*

**PRODUCT EXPIRY DATE** *1 year in the above-mentioned conditions*

**PACKAGING** *Cardboard boxes*

**NOTICE AND ADVICE** *Sublítex is not responsible for unusual applications or those who have not followed the operational specifications of storage provided*

*The above information, reflect our current "State of the Art", and are disclosed by us without commitment. However possible future changes and revisions according to the evolving technology and business are possible. We invite the buyer to the verification of the information given on the basis of its technology and engineering.*

# Sublimation Standard (1)

VERSUS

# Easyvacuum® (2)

N° 1



*polyurethane*

*Sublimation Standard*

N° 2



*polyester*

*Easyvacuum®*

# Sublimation Standard (1)

VERSUS

# Easyvacuum® (2)

N° 1



*polyurethane*

*Sublimation Standard*

N° 2



*polyurethane*

*Easyvacuum®*

# easyvacuum®

test report number:  
RPA\_822\_1EV

TEST REPOST NUMBER  
RPA\_822\_1EV

Sublitex Quality Control Laboratory and R&D:  
ACCELERATED WEATHERING TEST

TEST  
**XENON TEST\***  
Apparatus: Q-SUN XE-3 HS

DECORATION  
**S.OFF 9V002-154**

POWDER COATING  
**PC-56**

TOTAL DURATION  
**1000 hours**

EXPOSED AREA

SAMPLE EVALUATION

RESIDUAL GLOSS	96%
COLOUR VARIATION ΔE	0.72
GREY SCALE	4/5



FINAL RESULT

**PASS**

*\*Test was carried on samples prepared according to technical specifications supplied by raw materials manufacturers. However, accelerated weathering test is only one of the conditions necessary for the evaluation of the finished product. For a final assessment see further analysis on natural exposure in Florida.*

test report number:  
RPA\_805\_1EV

Sublitex Quality Control Laboratory and R&D:  
ACCELERATED WEATHERING TEST

TEST REPOST NUMBER  
RPA\_822\_1EV

**XENON TEST\***  
Apparatus: Q-SUN XE-3 HS

**S.OFF 9V001-153**

**PC-54**

**1000 hours**

EXPOSED AREA

89%

RESIDUAL GLOSS

0.82

COLOUR VARIATION ΔE

4/5

GREY SCALE

SAMPLE EVALUATION



FINAL RESULT

**PASS**

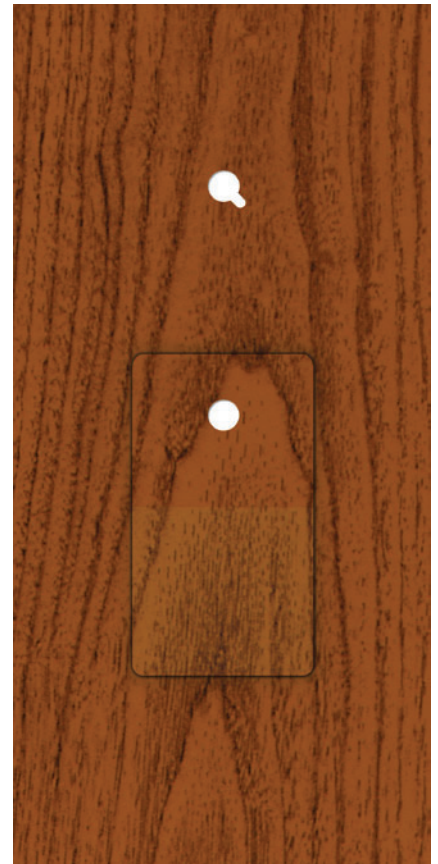
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test report number:  
RPA\_800\_1EV

TEST REPOST NUMBER RPA_822_1EV	<b>Sublitex Quality Control Laboratory and R&amp;D: ACCELERATED WEATHERING TEST</b>
TEST	<b>XENON TEST*</b> Apparatus: Q-SUN XE-3 HS
DECORATION	<b>S.OFF 9V004-151</b>
POWDER COATING	<b>PC-52</b>
TOTAL DURATION	<b>1000 hours</b>

EXPOSED AREA

SAMPLE EVALUATION	RESIDUAL GLOSS	71%
	COLOUR VARIATION ΔE	1.43
	GREY SCALE	4



FINAL RESULT

**PASS**

*\*Test was carried on samples prepared according to technical specifications supplied by raw materials manufacturers. However, accelerated weathering test is only one of the conditions necessary for the evaluation of the finished product. For a final assessment see further analysis on natural exposure in Florida.*