



transfer films
for metal decoration

EASY VACUUM begins its story with Sublitex R&D, as always a pioneer in the creation of innovative products full of technological content.

After 25 years of being forerunners in the development of sublimation on powder-coated substrates, Sublitex felt the need to give a new impulse to its technology.

FEATURES

*The search of an innovative product, in stride with the times, lead to the development of a completely **NEW CATEGORY** of wood-effect designs.*

*The **PATTERNS** became more elegant and refined, modernized to follow the minimalist tendency of the last few years.*

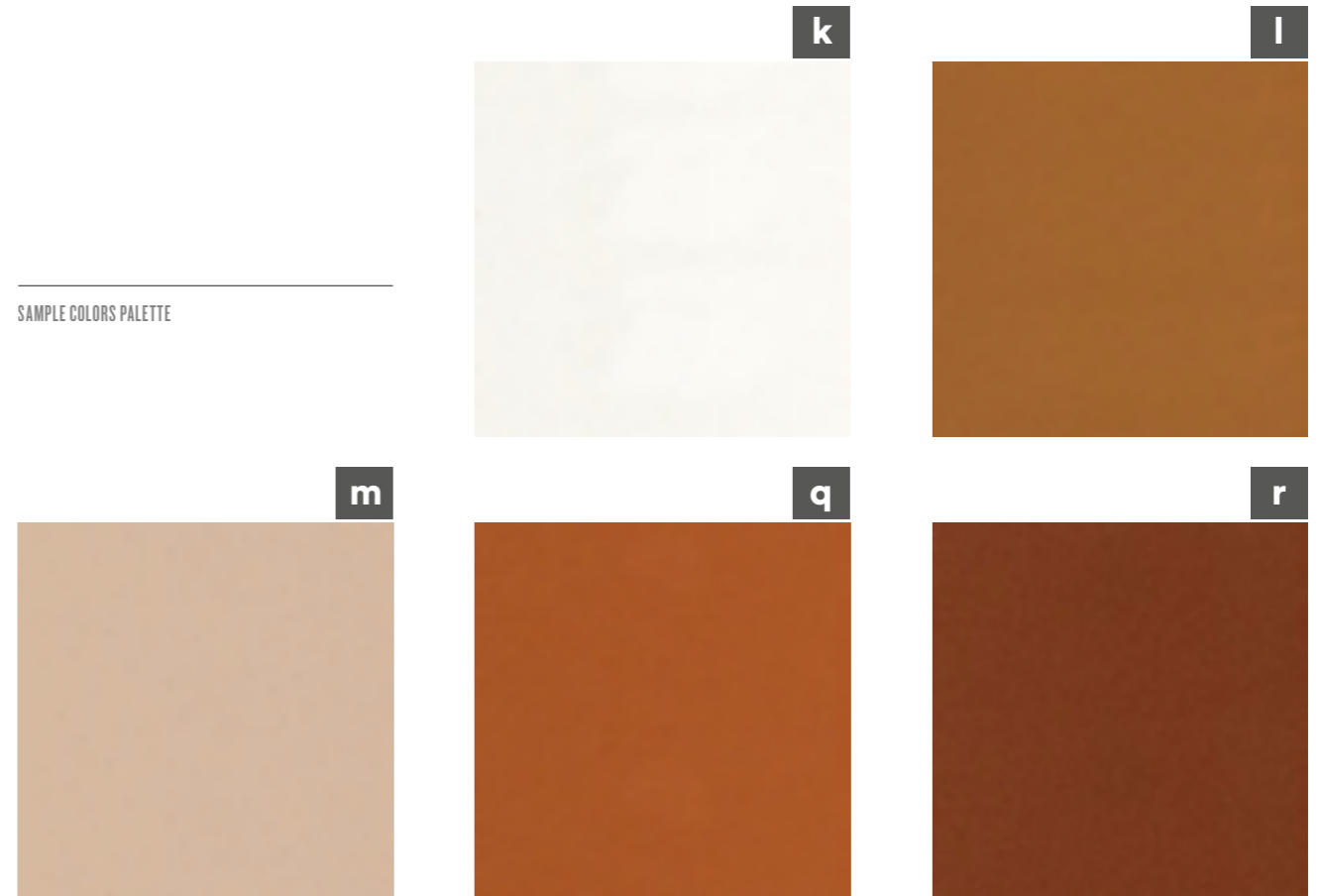
*Creation of designs is more attentive to industrial logic, with a view to **INCREASE PRODUCTIVITY** and reduce waste.*

*This goes hand in hand with the intention of making the designs more recognizable, even in **BREATHTAKING APPLICATIONS** like (building) facades, following market trends.*

*There has been remarkable development in the inks, aimed at **INCREASING DURABILITY** and making them weather resistant, without compromising the richness and essence of the designs.*

*All of these factors have brought us to define **EASY VACUUM** not only a development of existing technologies, but also a new and revolutionary product, which improves all of the decoration technologies for powder-coated substrates.*

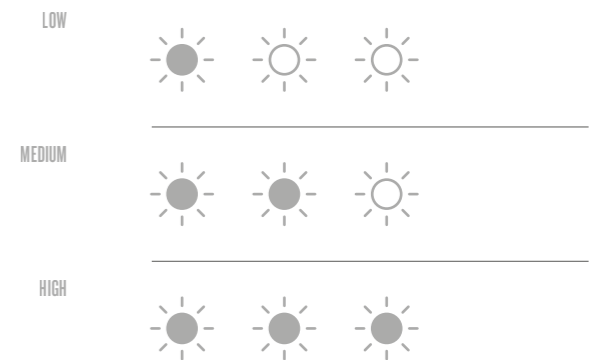
SAMPLE COLORS PALETTE



EASY VACUUM REVOLUTIONARY CONTENTS

- Better graphic definition
- Fully solves production issues related to round and uneven surfaces
- High visibility
- Higher weather resistance
- Better performance on polyester, sometimes higher than that on polyurethane, with advantages in the coating phase
- Reduces waste at a production level
- Increases productivity even in existing plants
- Minimizes manipulation
- Reduces final cost of the product
- Covered by an insurance warranty

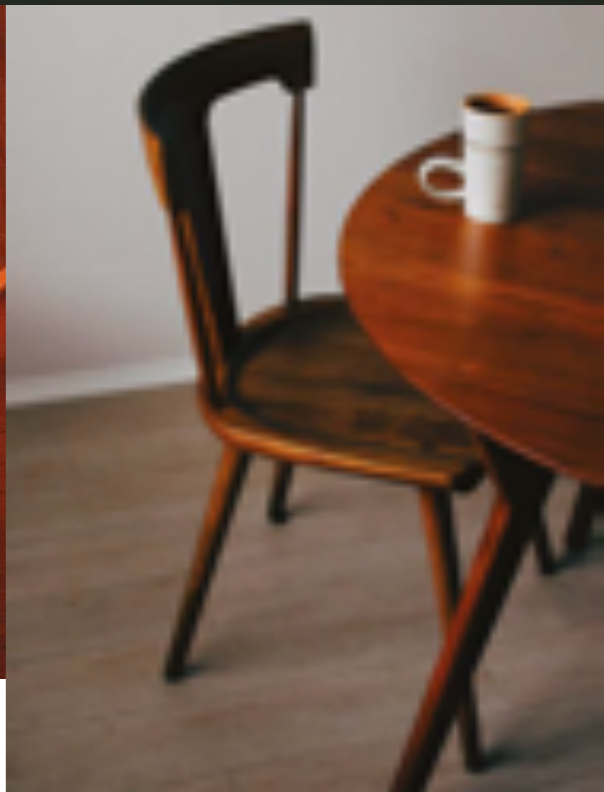
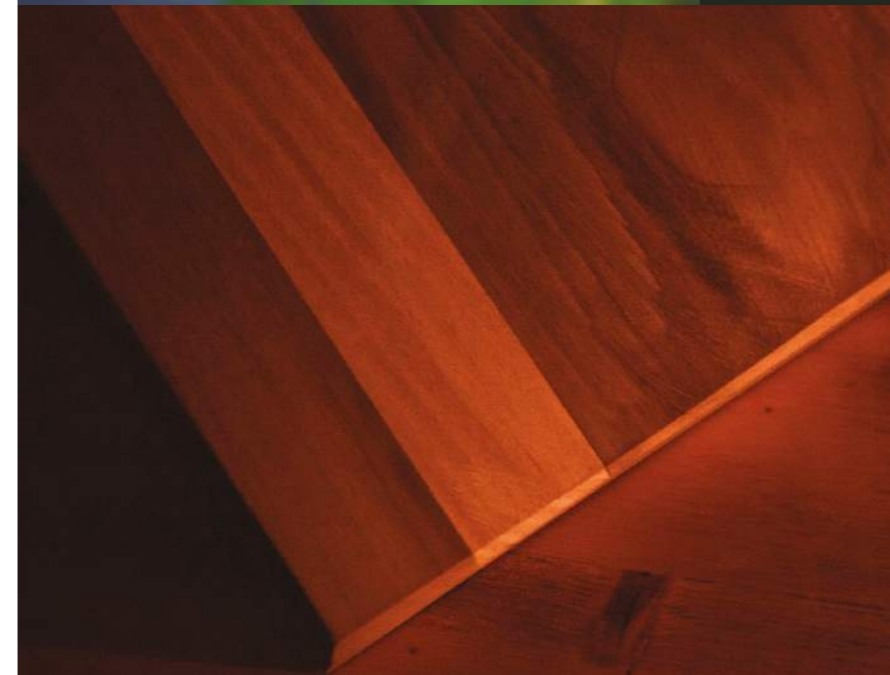
LIGHTFASTNESS IMPROVMENT VS STANDARD PRODUCTS





_1
noce

SUBITEX
The Innovative Printing



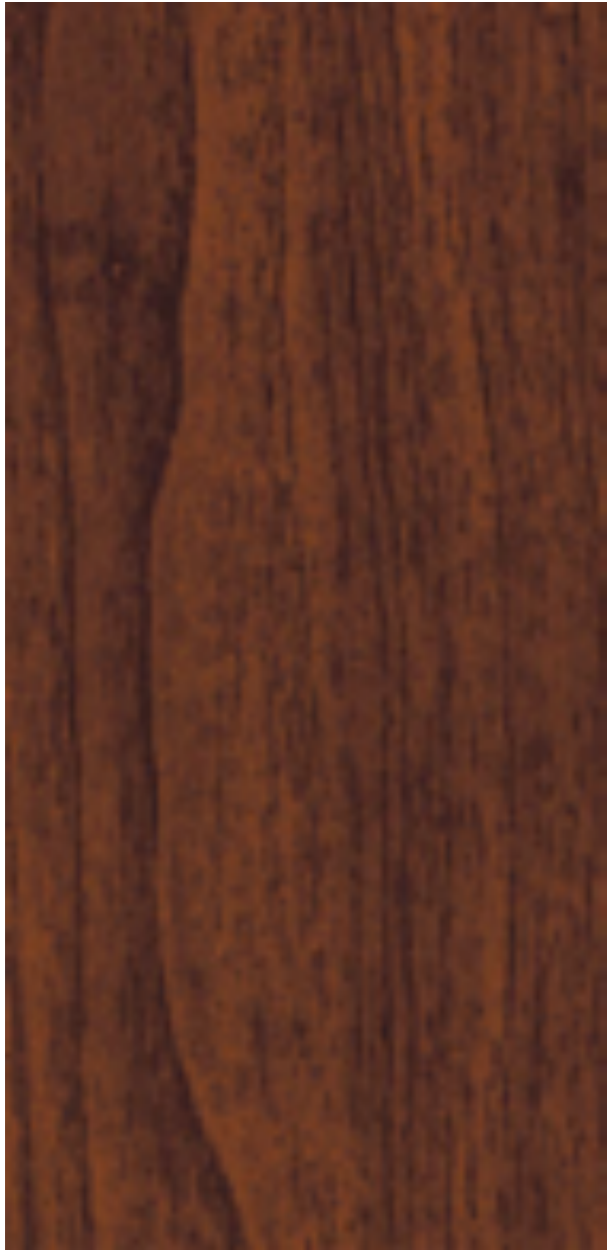
9V001

PATTERN

Noce

NAME

CW 150

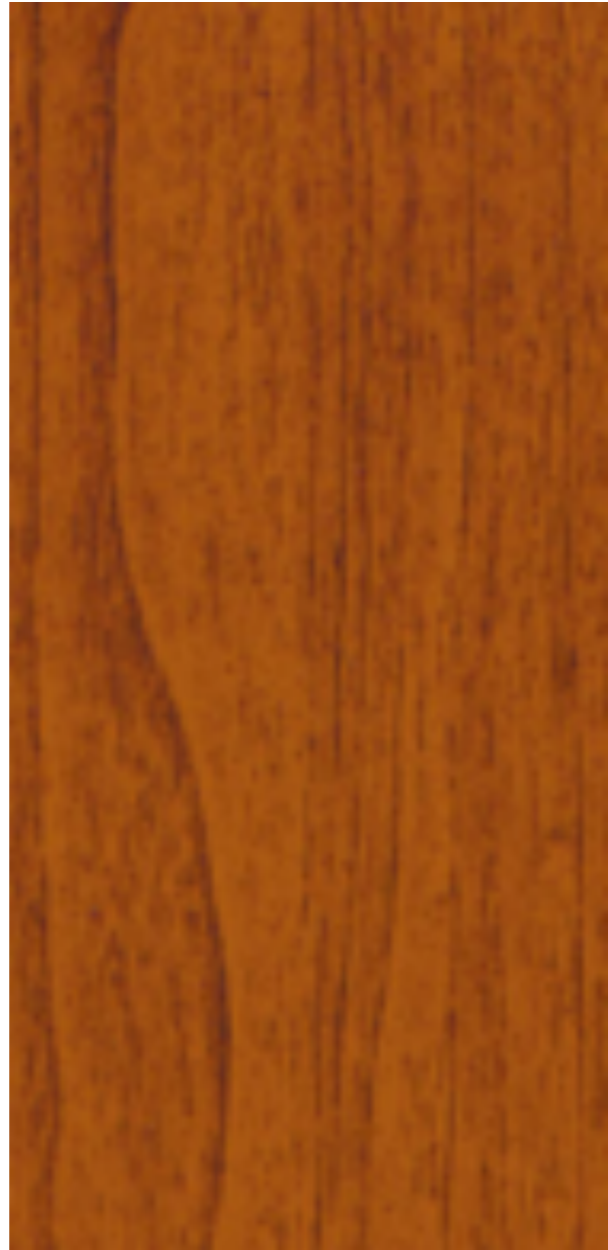


POWDER BASE **r**



LIGHTFASTNESS IMPROVMENT

CW 151



POWDER BASE **q**



9V001

PATTERN

Noce

NAME

CW 152



POWDER BASE **m**



LIGHTFASTNESS IMPROVMENT

CW 153



POWDER BASE **l**



9V001

PATTERN

Noce

NAME

CW 154



< some features

—
Better graphic definition



LIGHTFASTNESS IMPROVMENT

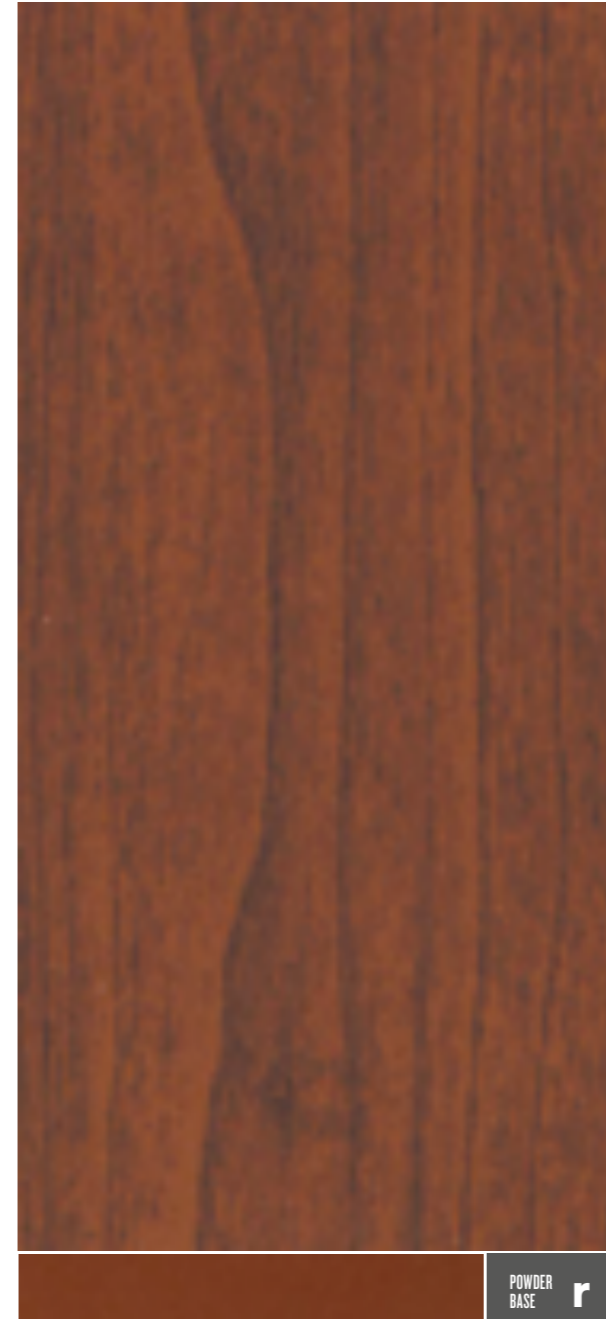
9V003

PATTERN

Noce di Langa

NAME

CW 150



CW 151



LIGHTFASTNESS IMPROVMENT

9V003

PATTERN

Noce di Langa

NAME

CW 152

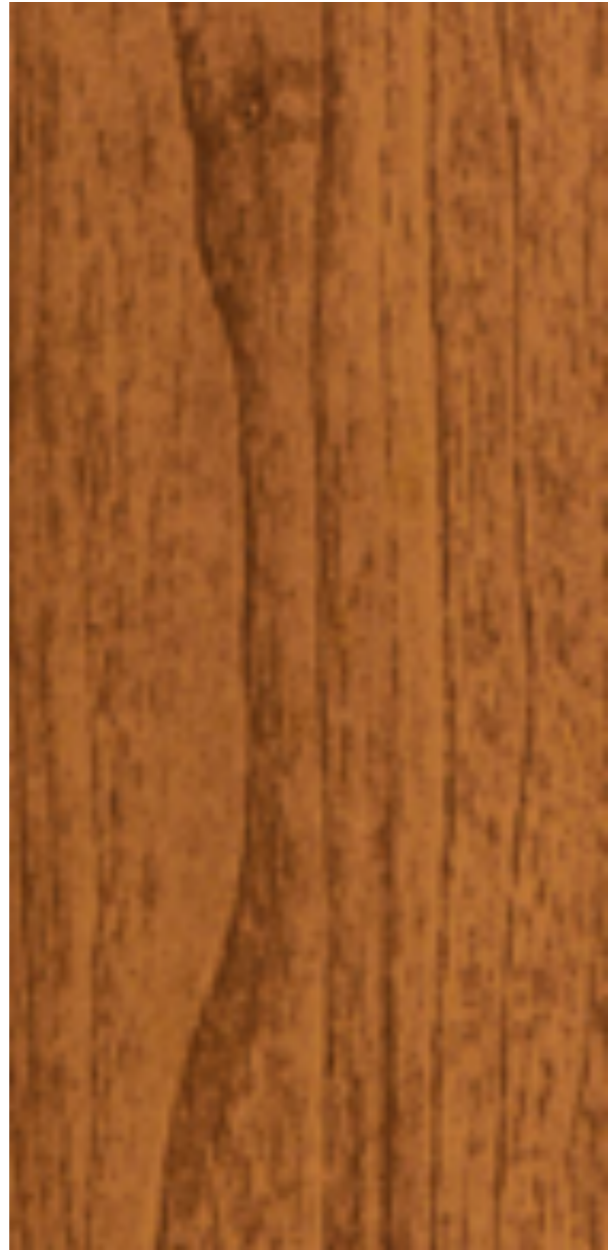


POWDER BASE **m**



LIGHTFASTNESS IMPROVMENT

CW 153



POWDER BASE **l**



9V003

PATTERN

Noce di Langa

NAME

CW 154



POWDER BASE **k**



LIGHTFASTNESS IMPROVMENT

some > features

Fully solves production issues related to round and uneven surfaces



**_2
ciliegio**

SUBITEX
The Innovative Printino



9V006

PATTERN

Cardinal Cherry

NAME

CW 150



POWDER BASE **r**

CW 151



POWDER BASE **q**



LIGHTFASTNESS IMPROVMENT

9V006

PATTERN

Cardinal Cherry

NAME

CW 152



POWDER BASE **m**

CW 153



POWDER BASE **l**



LIGHTFASTNESS IMPROVMENT

9V006

PATTERN

Cardinal Cherry

NAME

CW 154



< some features

—
High visibility



LIGHTFASTNESS IMPROVMENT

9V007

PATTERN

Ciliegio Magno

NAME

CW 150



CW 151



LIGHTFASTNESS IMPROVMENT

9V007

PATTERN

Ciliegio Magno

NAME

CW 152



POWDER BASE **m**



LIGHTFASTNESS IMPROVMENT

CW 153



POWDER BASE **l**



9V007

PATTERN

Ciliegio Magno

NAME

CW 154



POWDER BASE **k**



LIGHTFASTNESS IMPROVMENT

some >
features

Higher weather resistance

9V010
PATTERN
Caraibi
NAME

CW 150



POWDER BASE **r**



LIGHTFASTNESS IMPROVMENT

CW 151



POWDER BASE **q**



9V010
PATTERN
Caraibi
NAME

CW 152



POWDER BASE **m**



LIGHTFASTNESS IMPROVMENT

CW 153



POWDER BASE **l**



9V010

PATTERN

Caraibi

NAME

CW 154



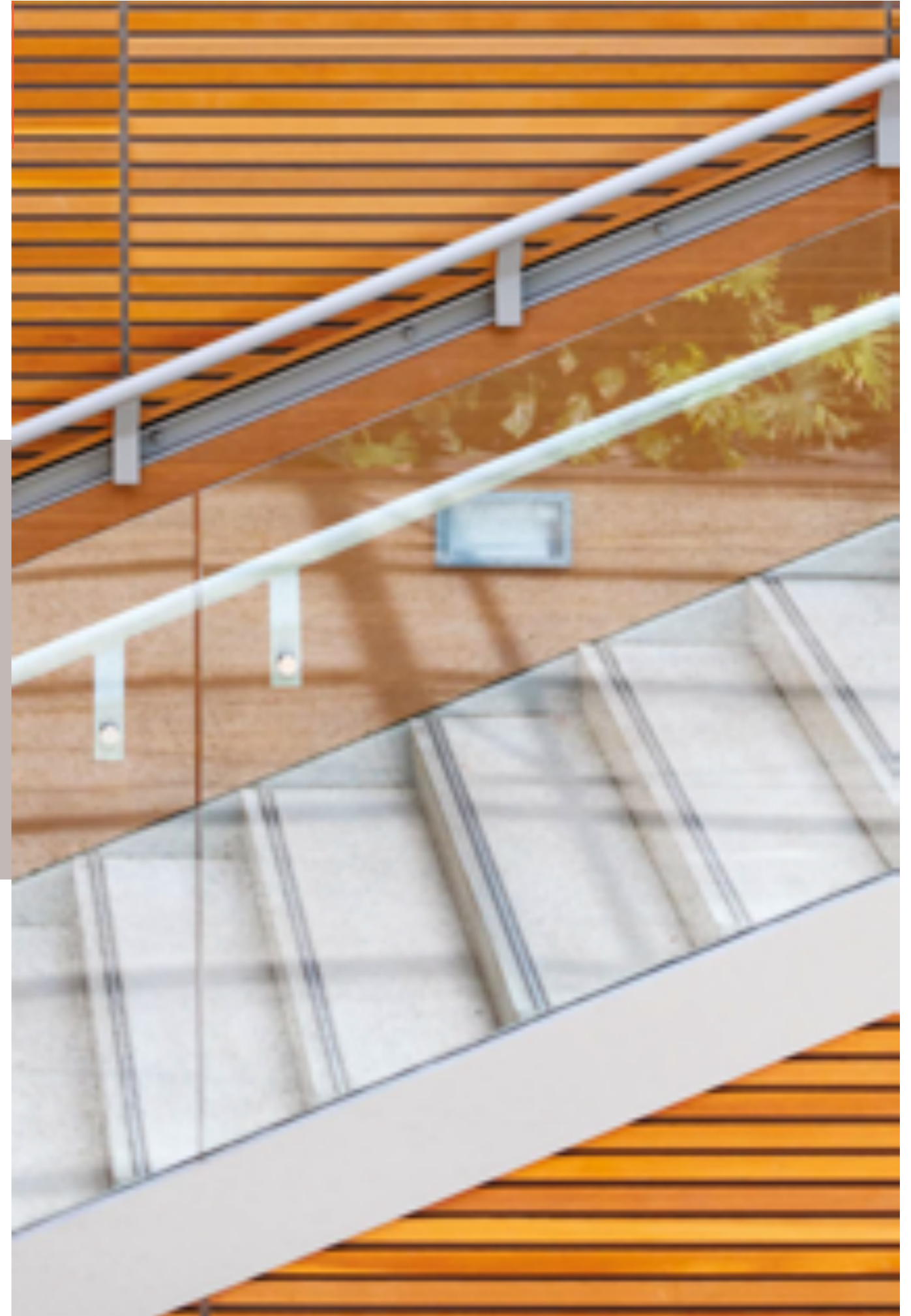
POWDER BASE **k**

< some features

—
Reduces waste at a production level



LIGHTFASTNESS IMPROVMENT





**_3
eucalipto**

SUBITEX
The Innovative Printing



9V008
PATTERN
Eucalipto
NAME

CW 150



POWDER BASE **r**



LIGHTFASTNESS IMPROVMENT

CW 151



POWDER BASE **q**



9V008
PATTERN
Eucalipto
NAME

CW 152



POWDER BASE **m**



LIGHTFASTNESS IMPROVMENT

CW 153



POWDER BASE **l**



9V008

PATTERN

Eucalipto

NAME

CW 154



POWDER BASE **k**



LIGHTFASTNESS IMPROVMENT

< some features

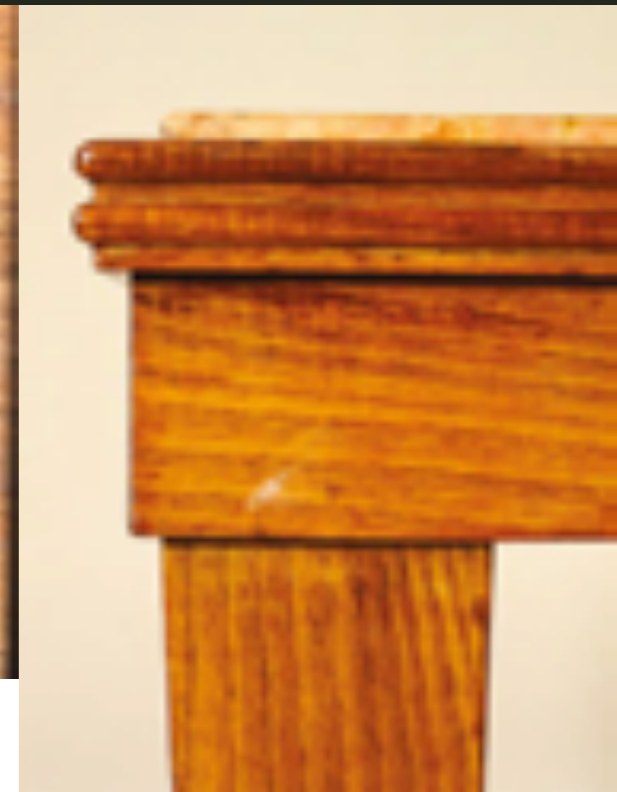
—
*Increases productivity
even in existing plants*





_4
rovere

SUBITEX
The Innovative Printing



9V002

PATTERN

Chêne Doré

NAME

CW 150



POWDER BASE **r**

CW 151



POWDER BASE **q**



LIGHTFASTNESS IMPROVMENT

9V002

PATTERN

Chêne Doré

NAME

CW 152



POWDER BASE **m**

CW 153



POWDER BASE **l**



LIGHTFASTNESS IMPROVMENT

9V002

PATTERN

Chêne Doré

NAME

CW 154



POWDER BASE **k**



LIGHTFASTNESS IMPROVMENT

< some features

—
Minimizes manipulation

9V005

PATTERN

Rovere Winchester

NAME

CW 150



POWDER BASE **r**



LIGHTFASTNESS IMPROVMENT

CW 151



POWDER BASE **q**



LIGHTFASTNESS IMPROVMENT

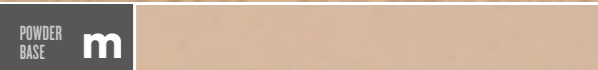
9V005

PATTERN

Rovere Winchester

NAME

CW 152



CW 153



LIGHTFASTNESS IMPROVMENT

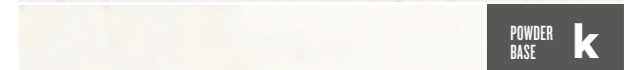
9V005

PATTERN

Rovere Winchester

NAME

CW 154



LIGHTFASTNESS IMPROVMENT

some > features

Better performance on polyester, sometimes higher than that on polyurethane, with advantages in the coating phase

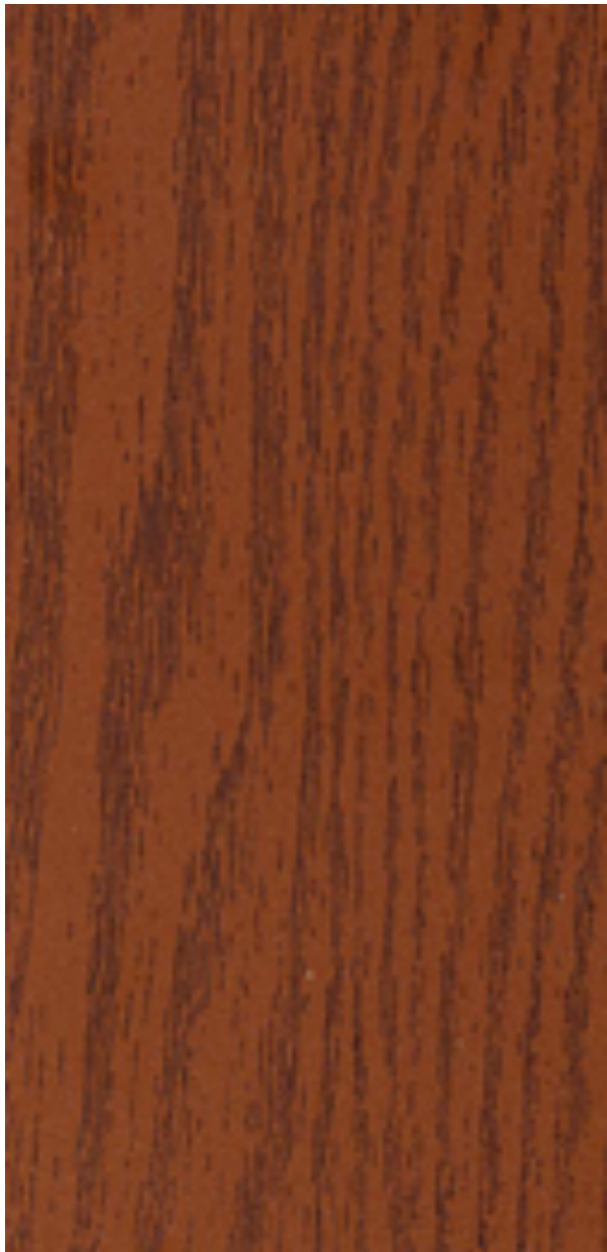
9V009

PATTERN

Rovere Antico

NAME

CW 150

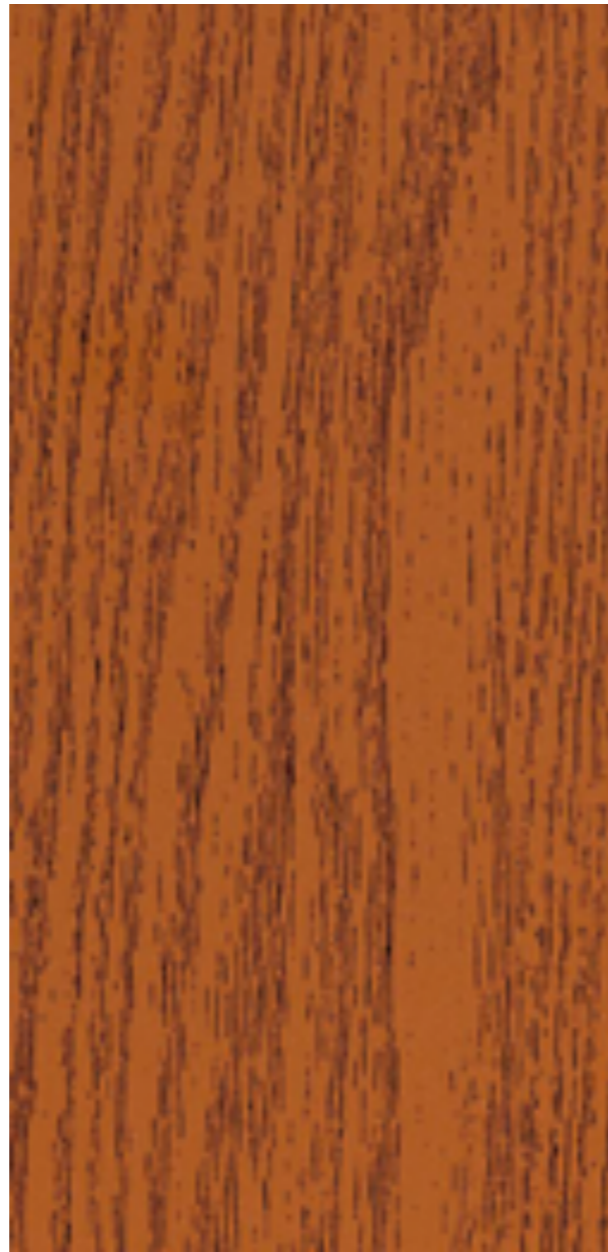


POWDER BASE **r**



LIGHTFASTNESS IMPROVMENT

CW 151



POWDER BASE **q**



9V009

PATTERN

Rovere Antico

NAME

CW 152



POWDER BASE **m**



LIGHTFASTNESS IMPROVMENT

CW 153



POWDER BASE **l**



9V009

PATTERN

Rovere Antico

NAME

CW 154



POWDER BASE

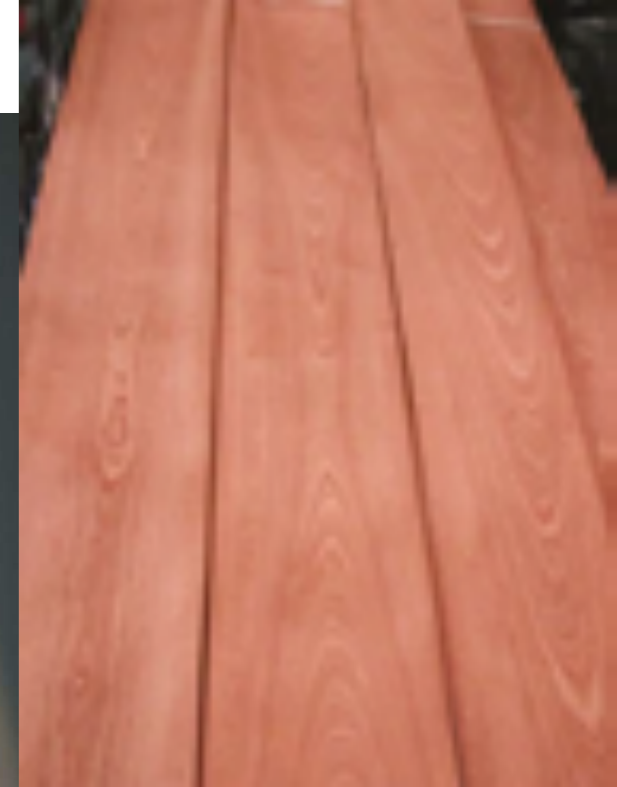
k

< some features

—
Reduces final cost of the product



LIGHTFASTNESS IMPROVMENT



**_5
sapelli**

SUBITEX
The Innovative Printing



9V004
PATTERN
Sapelli
NAME

CW 150



POWDER BASE **r**



LIGHTFASTNESS IMPROVMENT

CW 151



POWDER BASE **q**



9V004
PATTERN
Sapelli
NAME

CW 152



POWDER BASE **m**



LIGHTFASTNESS IMPROVMENT

CW 153



POWDER BASE **l**



9V004

PATTERN

Sapelli

NAME

CW 154



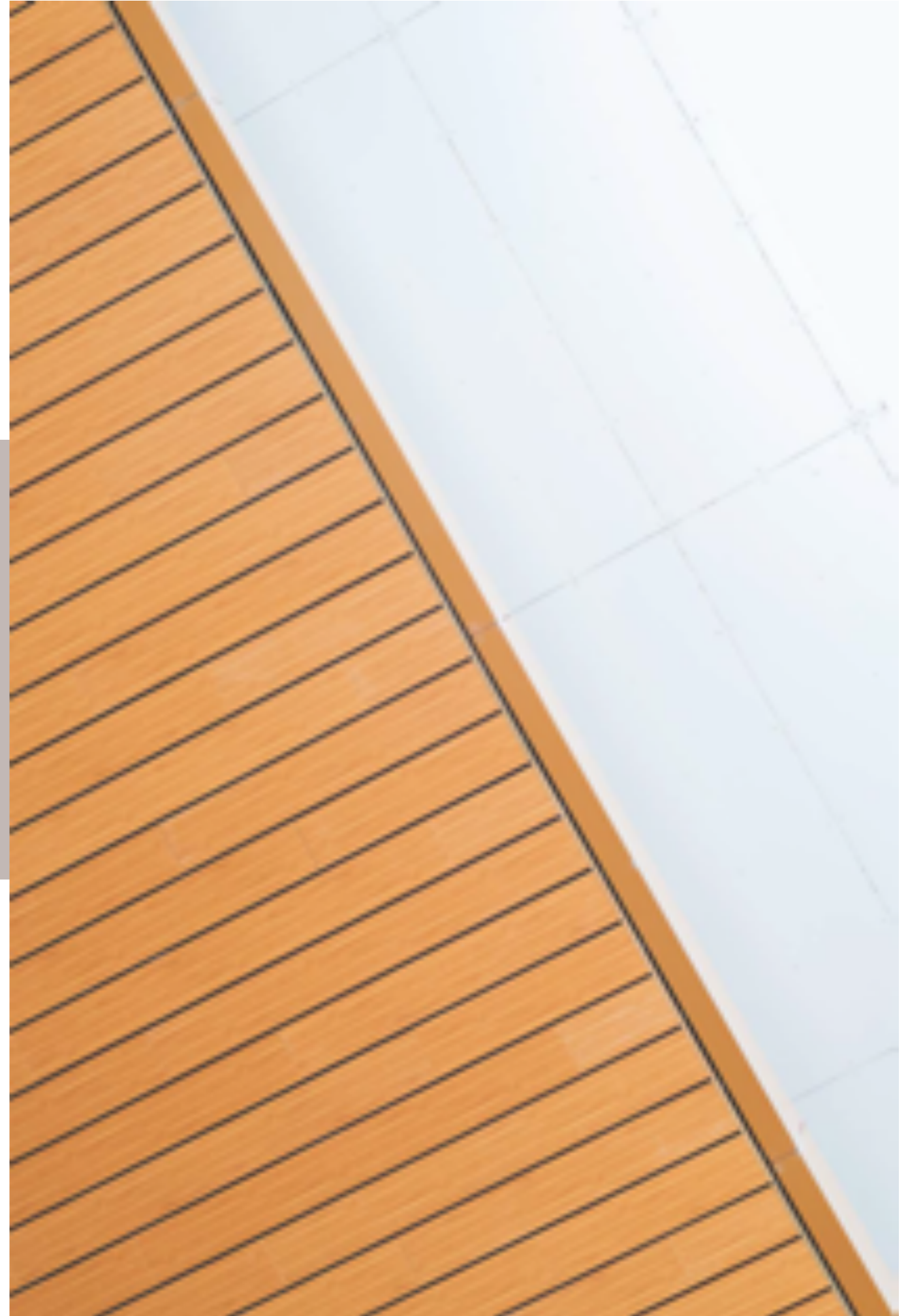
POWDER BASE **k**

< some features

—
Covered by
an insurance warranty



LIGHTFASTNESS IMPROVMENT



easyvacuum®

technical information

—
*technical data
and qualitative specifications*

For more information visit us
sublitexarchitectural.com

easyvacuum®

DESCRIPTION Polyester transfer film for decorating powder coated metals

SUPPORT

film thickness
19 or 23 µm / 0,74 or 0,90 mils*

print width
1630/1870mm – 64 or 72 inches*

core diameter
75/ 3 inches*

roll diameter
max 250 mm – 10 inches*

roll length
750m or 1000m / 820 or 1095 yds*

weight
50 kg / 110 pounds max*

**imperial conversions are approximated*

PRINTING Rotogravure using solvent based inks

APPLICATION SYSTEMS Can be applied both with flat press and oven. Sublitex transfer parameters for laboratory quality controls are:

	SURFACE METAL TEMPERATURE
FLAT PRESS	200°C (+/- 3°C) – 390F (+/-5)*
OVEN	190 – 205 °C/ 374 – 400F*

**imperial conversions are approximated*

WARNING! *It's important to follow the detailed instructions for proper application of all steps from pretreatment up to coating and decoration.*

technical information

QUALITY AND R&D Internal quality controls are carried out through comparative tests of application and evaluation of color retention by a direct comparison with master (production standard reference)

LABORATORY TESTS

Raw materials, semi-finished products are controlled by:

FT-IR-ATR (Infrared Spettroscopy)

GC-FID / HS-GC (Gaschromatography)

TLC-CCD

DURABILITY TESTS

Durability test by accelerated ageing (Xenon Test) according to ISO 16474-2 of sublimated products on to aluminium profile (phospho-chromate) coated with Qualicoat approved powders

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

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

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

STORAGE Keep in dry place, protect from heat and sunlight

PRODUCT EXPIRY DATE 1 year in the above-mentioned conditions

PACKAGING Cardboard boxes

NOTICE AND ADVICE Sublitex 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®

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	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	TEST
	9V001-153	DECORATION
	PC-54	POWDER COATING
	1000 hours	TOTAL DURATION

EXPOSED AREA



89%	RESIDUAL GLOSS	SAMPLE EVALUATION
0.82	COLOUR VARIATION ΔE	
4/5	GREY SCALE	



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_800_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

9V004-151


POWDER COATING

PC-52

TOTAL DURATION

1000 hours

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.*

MOD_TR_01_REVO
DATA: 07/09/2018