



**EDGEBAND**  
PROFILE - 2023  
Vol-II



**E3**  
elegant | everlasting | economical



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E3 group began as a little endeavour in the interior products industry in 1990 and quickly became India's top interior and exterior manufacturer with more than 5000 dealer networks across PAN India. With ground-breaking qualities, E3 believes in 'Made in India' world-class quality products by 'Delivering promise and exceeding expectations.'

Aesthetically appealing interior design, combining functionality and expression, has become crucial for promoting elegance and perfection, an extension of the unique you. At E3 Group, delighting consumers sparks the imagination, curiosity arouses creativity, and innovations provide opportunities.

No matter your business size, you can trust E3 Group for direct sales, quality, consistency, and professionalism. We have a little something for everyone! It is in our DNA. Trusted for many years, E3 is known to walk the extra mile by providing bespoke interiors for every decor need.

# PVC EDGE BAND













E3 Edgeband is an innovative technology created to create a seamless, coherent appearance in edge banding. High-quality panels require matching edge banding strips in colour, design, and finish to shine truly. In the market since 2013, E3 has been the leading supplier of Edgeband tapes in PAN India offering cutting-edge technology that can meet the qualitative criteria that the market demands.

We manufacture infinite tones, hues, and patterns to match the most diverse laminates and pre-laminated boards. E3 Edgeband is also renowned for having extraordinary qualities, including toughness, adaptability, flexibility, glossy appearance, protection, etc. Our modus operandi is, **'We can provide any colour and size on demand.'**

E3 Edge band firm's core technicians have more than 20 years of expertise, and the company has more than 10 years of solid technical foundation in product manufacturing and application. The technicians with the necessary training test each batch of PVC Edge Band. They retain flawless precision and accuracy by providing customers with the highest quality materials. E3 Edge Band comprises competent professionals and in-house designing experts to suit user preferences.

## FEATURES

-  Easy to Install
-  Cost effective
-  UV Layer coating
-  World class quality
-  Termite Proof
-  100% recyclable
-  Nail free
-  Soft Edge
-  Best Match
-  Made in India





LARGEST MANUFACTURING PLANT IN INDIA  
ISO 9001:2015 CERTIFICATED

## PVC Edge Band Manufacturing Plant

We are one of the industry's most renowned manufacturers.

- Our manufacturing plant is the largest in India with an area of over 2 lakh sq. ft. situated in Noida, UP.
- At present, its production capacity is Half million (5.0 lac) metres per day.
- In stock Edge band tapes are available in more than 300 shades to match all laminates.
- We have dealers, distributors and warehouses in PAN India.
- Any Colors & Any size on demand.





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## STANDARD OFFERINGS

E3 manufactures various types of edge banding as per customer requirements which can be classified as:

### MATERIAL :

PVC & ABS

### SHADES :

SOLID, WOODEN, METALLIC, FABRIC, MARBLE & STONES

### FINISHES:

SUPER MATT, SUPER GLOSS & SPARKLE

### ROLL LENGTH:

From 25 to 300 metres.

### SIZES:

Other than the standard sizes, any size can be made as per requirements

## STANDARD SIZES

WIDTH	THICKNESS	WIDTH	THICKNESS
<u>22mm</u>	<u>0.45mm</u>	<u>25mm</u>	<u>2.00mm</u>
<u>22mm</u>	<u>0.80mm</u>	<u>30mm</u>	<u>0.80mm</u>
<u>22mm</u>	<u>1.00mm</u>	<u>30mm</u>	<u>2.00mm</u>
<u>23mm</u>	<u>1.30mm</u>	<u>45mm</u>	<u>0.80mm</u>
<u>22mm</u>	<u>2.00mm</u>	<u>45mm</u>	<u>2.00mm</u>
<u>25mm</u>	<u>0.80mm</u>	<u>55mm</u>	<u>2.00mm</u>



### Chemical Product

Product Name: Rigid PVC Edgebanding

Product Usage: A continuous extruded roll available in various thicknesses used to finish the raw edge of HPL, flake boards, plywood and medium density fiberboard. Available in various colors that matches with most of the laminated panels

### Composition / Information on Regulated Ingredients

Hazardous Ingredients:

This product contains no Hazardous Ingredients that can be released under normal temperature or working conditions. Rigid PVC Edgebanding contains no vinyl chloride monomers.

### Properties

Description	Unit	Value	Standard
Hardness Shore	-	D - 78 ± 4	ISO868
Shrinkage [1h at 140°F (60°C)]	%	< 0.5	Works standard
Static charging	-	Low	-
Vicat softening Temperature (At 50N)	°C	80.3	ASTM D1525-2009

### Resistance to Immersion Test (In boiling water for 2 hour)

(a) Change in thickness	%	4.2	1S:2046-1995
(b) Change in mass	%	3.9	1S:2046-1995
(c) Appearance	Degree	5	1S:2046-1995

### Colour Fastness to Rubbing

(a) At Dry Staining	Rating	4/5	IS:766-1988
(b) At Wet Staining	Rating	4/5	IS:766-1988

### Colour Fastness to Light

(a) Type of lamp	UV A340	No cracks or blister observed	ASTM G154-2016
(b) Exposure Time	24 hour	No cracks or blister observed	ASTM G154-2016

### Resistance to Cigarette Burn

Appearance	Rating	4	1S:2046-1995
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### Resistance to Staining (At R.T. for 24 hour)

Description	Unit	Value	Standard
(a) Acetone	Rating	5	1S:2046-1995
(b) Black Tea	Rating	5	1S:2046-1995

### Flammability Test

Condition of test piece (At 23°C and 50% R.H. for 48hour) Two sets of 3 test Specimens

Cease to burn before	mm	25	mark
Cease to burn before the	mm	100	reference mark

### Physical Data

State	Solid
Boiling Point	NA
Specific Gravity	1.20 to 1.40
Solubility	Insoluble
Volatility	Negligible

### Processing Characteristics

Machining	PVC Suitability
Cutting	Good
Milling Direction	counter direction
Pre-milling	Good
Radius Milling	Good
Profiling	Good
Scraper Processing	Good
Buffing	Good
Bonding	Any conventional hot-melt adhesive suitable for edging tapes can be used
Polish Ability	Good
Stress Whitening	Low
Machining Center Processing Compatibility	Very Good



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# TECHNICAL DATA SHEET

## PVC Edge Banding

### PVC Edgebanding Specifications

- Color:** Slight color variations are possible from dye lot to dye lot.
- Finishes:** Available in Gloss, Matt & SF.  
Finish must be smooth and free of defects at a distance of 3 feet from the observer.  
Material either has UV inhibitors directly in the resin or has a UV topcoat.
- Interior Use:** Only for interior use and not to be exposed to temperatures above 150°F.
- Primer:** Backside is 100% covered with a visible primer for proper bond.
- Maintenance:** Clean surface with warm soapy water and wipe clean.

### Tolerances

#### Edge Banding Width

Width mm	Tolerance mm
12 – 54	± 0.45

#### Edge Banding Thickness

Width mm	Tolerance mm
0.4 - 0.7	± 0.05
0.8 - 1.5	± 0.10
1.6 - 2.0	+ 0.20
2.1 - 3.0	+ 0.25

### Storage

PVC Edge Banding tape is resistant to rot and may therefore be stored at room temperature (64°F to 68°F) in a room that is weatherproof and protected from direct sun light for a virtually unlimited period.

### Warranty

Using accepted industry standards, colors, woodgrains, and patterns have been individually matched and cross-referenced for the best suitable match. Color variation beyond the manufacturers' control may occur in individual resin batches. The manufacturers' warranty and liability for the bond, color match, and surface finish; extend only to the replacement value of the specific edgebanding material. It is the customer's sole responsibility to determine that the bond and color match are acceptable for production before use.



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## TECHNICAL DATA SHEET

### PVC Edge Banding

#### Fire and Explosion Data

Flash Point: 390 - 700 Degrees Celsius

Flammable Limits

Upper Explosion Limit: N/A

Lower Explosion Limit: N/A

Auto Ignition Temperature: N/A

Suitable Extinguishing Media: Carbon Dioxide Blanket, Water Spray, Dry Powder, Foam

Special Fire Fighting Procedures: Full-face self-contained breathing apparatus (SCBA) used in positive pressure mode should be worn to prevent inhalation of airborne contaminants.

Unusual Fire/Explosion Hazards: May emit Hydrogen Chloride (HCL) or Carbon Monoxide (CO), Oxides of Nitrogen (NOx), other hazardous materials, and smoke are all possible.

#### Reactive Data

Product Stability: Very Stable

Reactivity conditions: Under normal usage none. However, harsh chemicals such as Ketones, Toluenes, Acetones and other similar solvents may melt or react with the surface finish.

Hazardous Decomposition Implications: Hydrochloric acid can be formed if product is heated to the point of burning and then in the presence of water may form Hydrochloric Acid.

#### First Aid

Inhalation: Remove the affected user to a well-ventilated area.

Eye Contact: Irritant only on contact, bathe area affected.

Ingestion: Under normal condition, there is no probable route of ingestion.

Skin Contact: Non-Toxic

#### Disposal and Storage

Waste Disposal: Landfill

Recycle: Product can be reprocessed for re-use.

Environmental Toxicity: Adverse ecological impact is not known or expected under normal use.

## CUSTOM-MADE EDGE BAND SAMPLES





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# EDGEBAND 2023 SHADE CARD

VOL-I



# WOODEN SERIES

MATT & GLOSS



# COLOUR CHART

## WOODEN SHADES



WENGE 1

2001



INTAL BEECH

2009



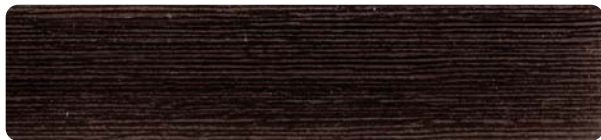
WENGE 2

2002



WHITE ASH

2010



WENGE 3

2003



DOUGLAS PINE

2011



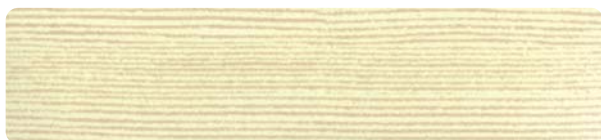
NATURAL TEAK

2004



CLASSIC WALNUT

2012



HIGHLAND PINE

2005



LORRAINE WALNUT

2013



ACACIA DARK

2006



OXFORD CHERRY

2014



ACACIA LIGHT

2007



ALBERTA MAPLE

2015



BEVARIAN BEECH

2008



THANSAU MAPLE

2016

# COLOUR CHART

## WOODEN SHADES



SAPELLI

2017



HAZEL

2025



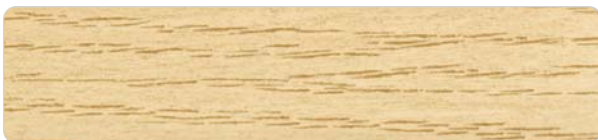
NATURAL MAPLE

2018



KHAYA MAHAGONY

2026



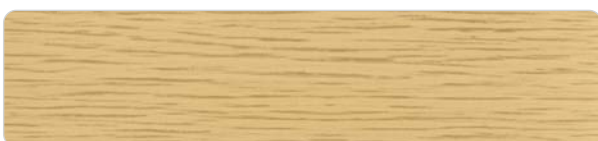
FERRA OAK

2019



ROSE MAHAGONY

2027



GOLDEN OAK

2020



FABRIC-1

2028



ANTIQUÉ OAK

2021



FABRIC-2

2029



DARK EBONY

2022



FABRIC-3

2030



AGRO WOOD

2023



FABRIC-4

2031



WENGE-4

2024



FABRIC-5

2032

# COLOUR CHART

## WOODEN SHADES



FABRIC-6

2033



FABRIC-7

2034



FABRIC-8

2035



COUNTRY DARK

2036



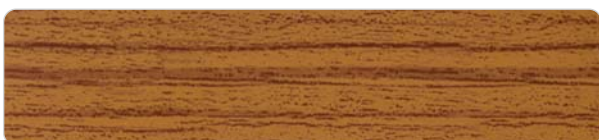
COUNTRY LIGHT

2037



WHITE TEAK

2039



COMMON TEAK

2041



BROWN OAK

2042



URBAN OAK

2043



WEATHERED OAK

2044



WINE

2045



ROUGH CUT-1

2046



ROUGH CUT-2

2047



ROUGH CUT-3

2048



LIGHT SIAM TEAK

2049



RAW ALUMINIUM

2050

# COLOUR CHART

## WOODEN SHADES



ALUMINIUM PEARL

2052



FABRIC-10

2060



NEO HIGHLAND PINE

2053



WENGE-6

2063



CHERRY CAPPUCINO

2054



SAND CROSS

2064



GHANA WENGE

2055



CHOCO CROSS

2065



CHESTNUT

2056



OCEAN RECON

2066



WENGE-5

2057



SANDY RECON

2067



SAPELLI-2

2058



FIBRE TEAK

2068



FABRIC-9

2059



FIBRE GOLD

2069

# COLOUR CHART

## WOODEN SHADES

NEW



CASTLE OAK

2070



FABRIC-17

2078

NEW



CHOCO OAK

2071



FABRIC-18

2079



FABRIC-11

2072



CLASSIC P. WALNUT

2080



FABRIC-12

2073



TIGRESS TEAK

2081



FABRIC-13

2074



FABRIC-19

2082



FABRIC-14

2075



FABRIC-20

2083



FABRIC-15

2076



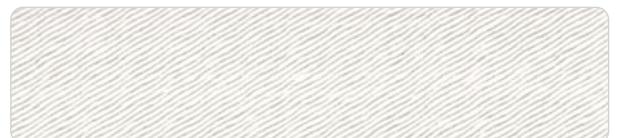
FABRIC-21

2084



FABRIC-16

2077



FABRIC-22

2085

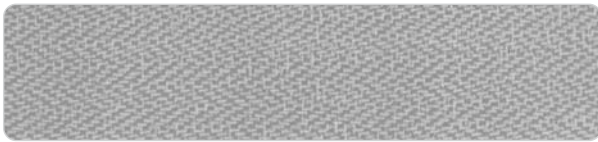
# COLOUR CHART

## WOODEN SHADES



GREY TEAK

2086



FABRIC-23

2087



FABRIC-24

2088



FABRIC-25

2089



OAK-1

2090



OAK-2

2091



OAK-3

2092



PALASANTO TEAK

2093

NEW



SAMARA OAK

2094



FABRIC-26

2096



FABRIC-27

2097



FABRIC-28

2098



FABRIC-29

2099



FABRIC-30

2100

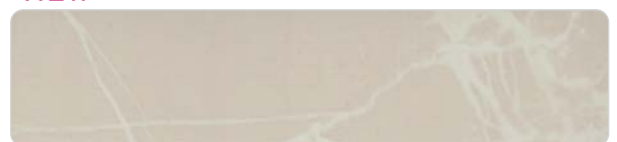
NEW



WHITE MARBLE

2522

NEW



SAGRADA MARBLE

2523

# COLOUR CHART

## WOODEN SHADES

NEW



GOthic MARBLE

2524

NEW



SIERRA MARBLE

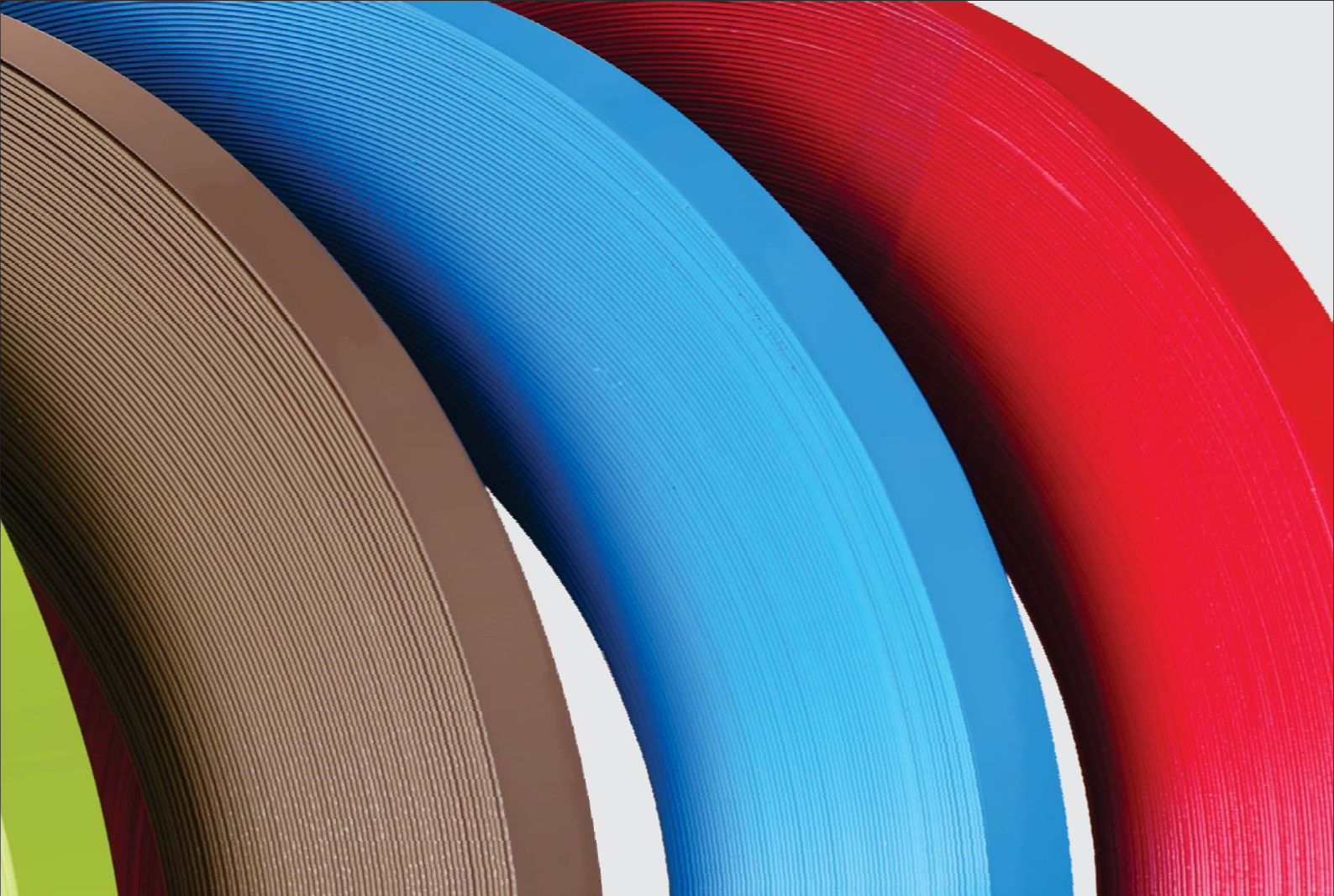
2525

NEW



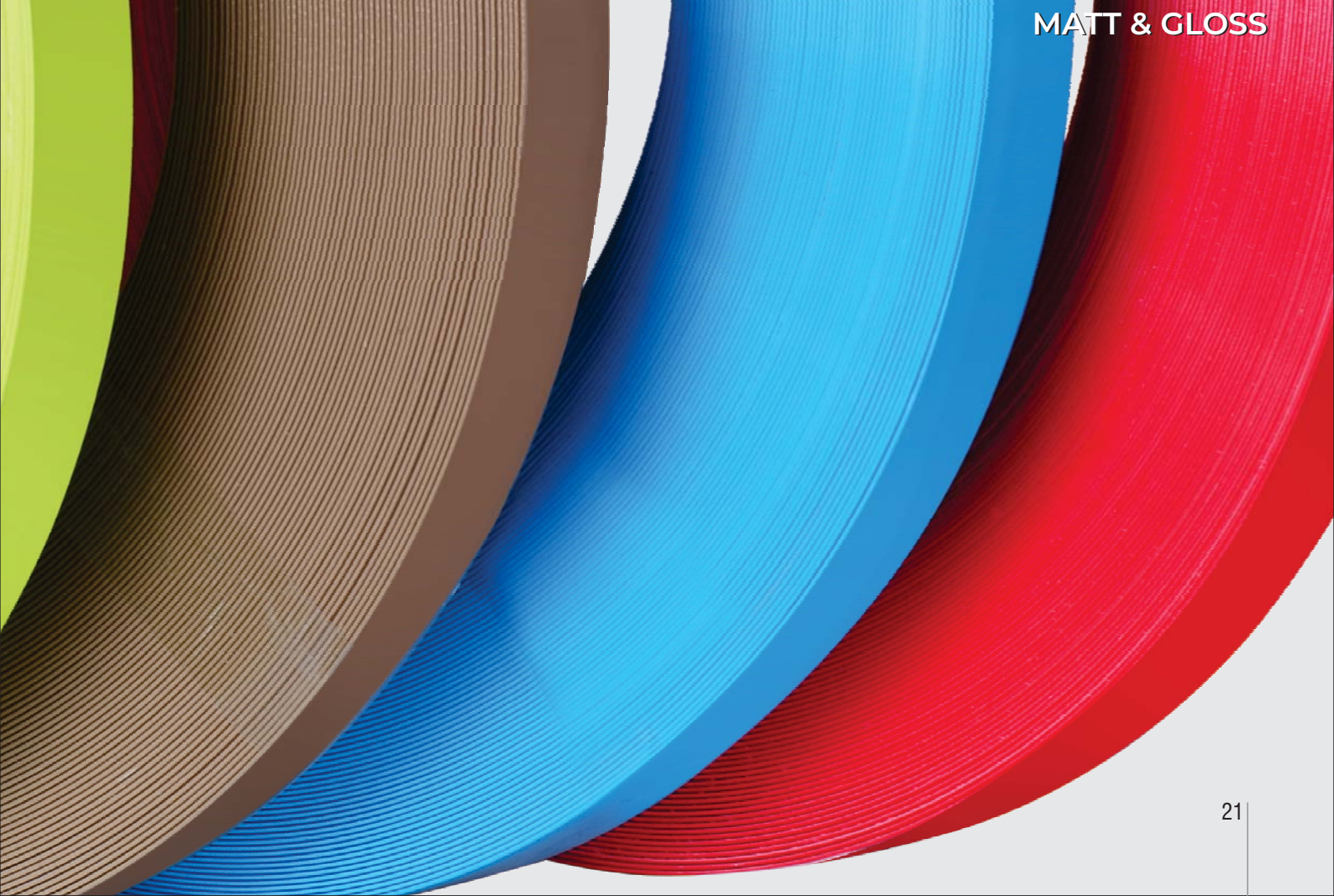
BLACK MARBLE

2526



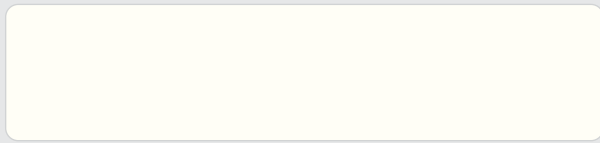
## SOLID SERIES

MATT & GLOSS



# COLOUR CHART

## SOLID SHADES



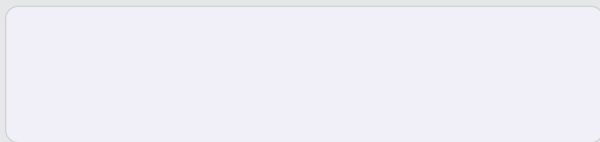
M-WHITE

1000



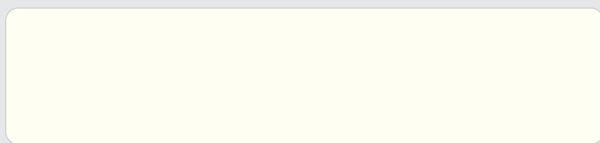
SUPER WHITE

1001



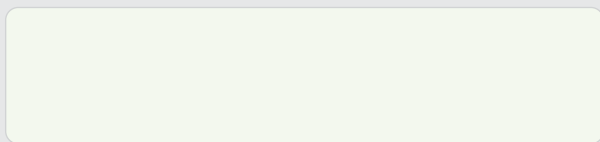
WHITE LILY

1101



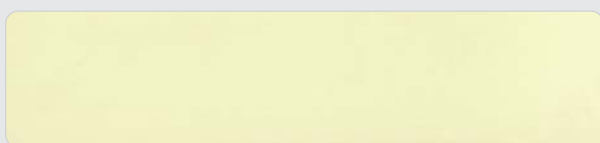
FROSTY WHITE

1002



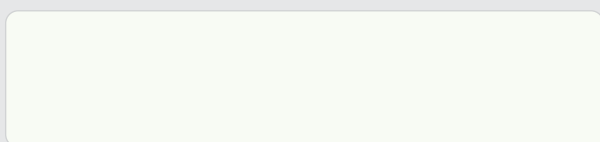
L. WHITE

1102



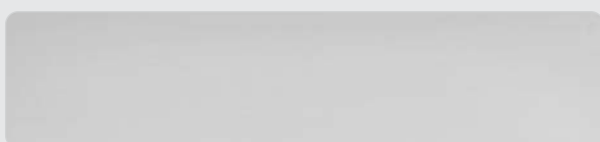
IVORY

1003



SOLAR WHITE

1103



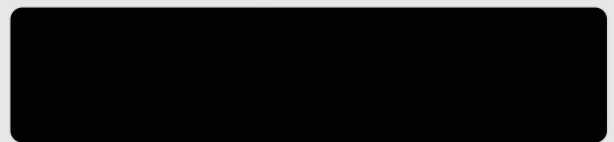
SILVER GREY

1004



SLATE GREY

1005



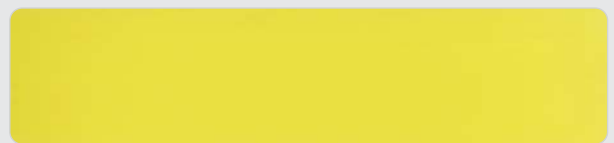
BLACK

1006



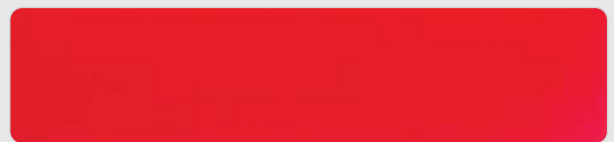
ACTION YELLOW

1007



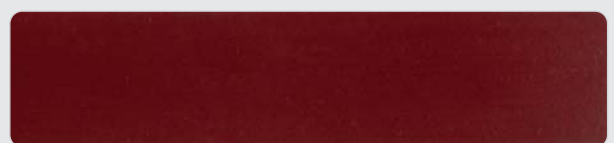
MARIGOLD YELLOW

1008



RED

1009



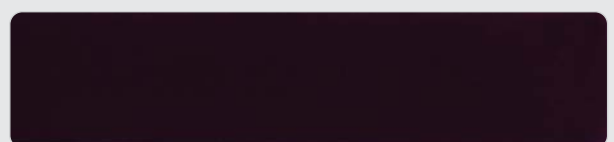
SHANGRILA

1010



ELECTRIC BLUE

1011



BLACK CURRENT

1012

# COLOUR CHART

## SOLID SHADES



CAPPUCINO

1013



CHAMPAGNE

1020



NEW CAPPUCINO

1113



TAN

1021



BUBBLE GUM

1014



AUTUMN LEAF

1022



ORANGE

1015



BERRY BRUNCH

1023

NEW



TURQUOISE

1016



FIESTA ROSE

1024



DARK BROWN

1017



RED POPPY

1025



P. GREEN

1018



GRASS GREEN

1026



GOthic GREY

1019



LIME

1027

# COLOUR CHART

## SOLID SHADES

NEW



MINT GREEN

1028



WINTER SEA

1036



KHAKHI

1029



SHORE

1037



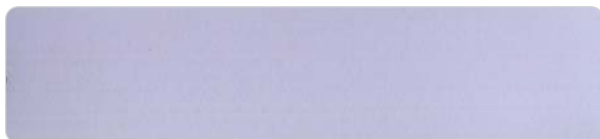
AQUA BLUE

1030



ENIGMA

1038



LAVENDER

1031



CARBIE

1039



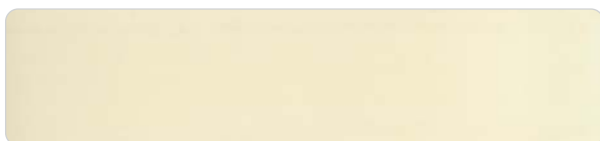
LILAC

1032



TROOPER

1040



RAW CREAM

1033



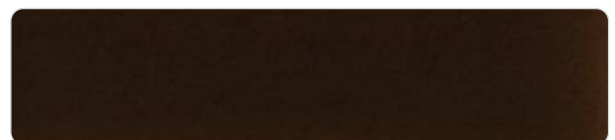
MORNING GLOW

1041



PINK POPPY

1034



CHOCOLATE

1042



DARK CITRUS

1035



MAGENTA

1043

# COLOUR CHART

## SOLID SHADES



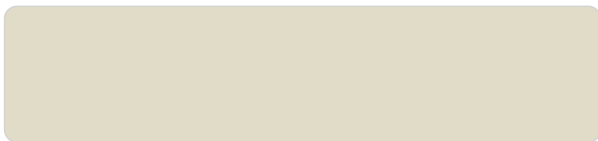
PEARL BLACK

1044



SKY BLUE

1045



IRISH CREAM

1046



ISLAND SKY

1047



PARAKEET

1048



MISTY GREY

1049



DARK GREY

1050



DARK SILVER GREY

1051



WARM GREY

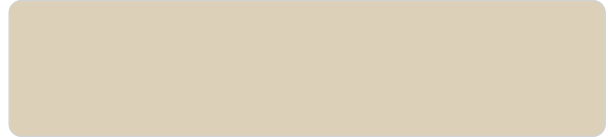
1052



MOCHA BROWN

1053

NEW



SILKY CREAM

1054

NEW



FEATHER GREY

1055

NEW



NEW IRISH CREAM

1056

NEW



PRAIRIE GREEN

1057

NEW



MIDNIGHT BLUE

1058

NEW



FOREST GREEN

1059

NEW



PINK SALT

1060

NEW

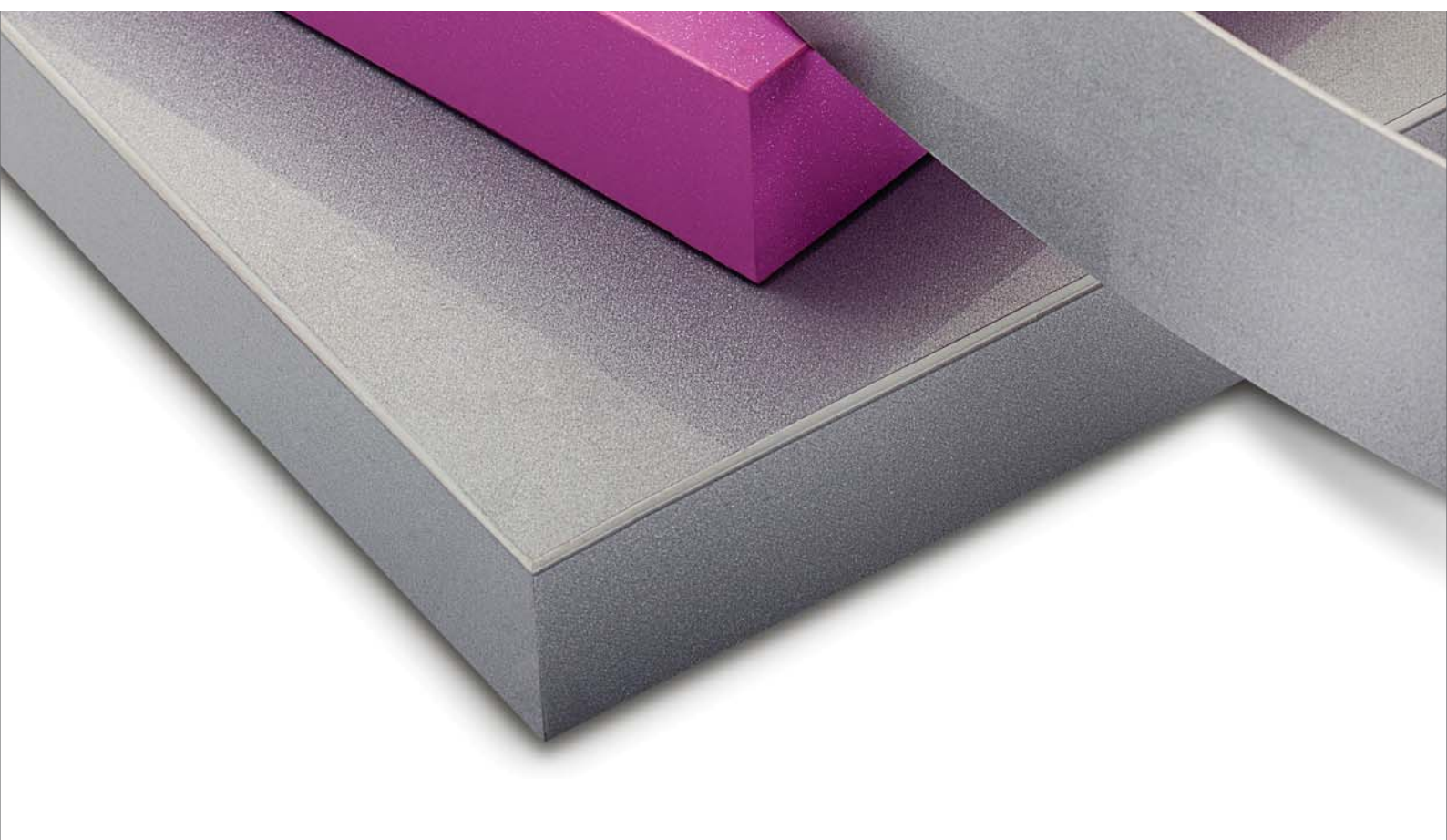


DREAM GREEN

1061



## SPARKLES & METALLIC



# COLOUR CHART

## SPARKLES & METALLIC



3001

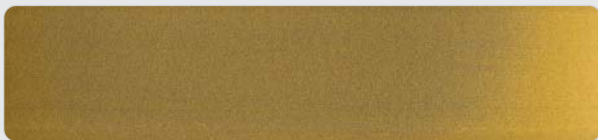


3002

NEW



3004



3005

NEW



3006



3101



3102



3105



3106



3109



3110



3112



3125



3201



Customer Care for Edge Bands

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