



# UV COATED PANELS

(HARD WOOD USED FOR MOTHERBOARDS)

# TECHNICAL SPECIFICATIONS & APPLICATIONS



FOR THE 1ST TIME  
IN INDIA



# *Some of Our Prestigious Customers*

•Samsung •Tata Motors •Mercedes-Benz •China Embassy

•Wipro •Godrej •Sony Bravia •HP Computer •Mantri

Developers •Van Heusen •Madame •VIP Luggage •Lakme

•Space Wood •Raymond Showroom •Dewan Shaib Suitings

•BP ERGO •UNICOS •Featherlite Office System Pvt Ltd.

•Black Berry Clothing Store

# ABOUT ACTION TESA ULTRA VIOLET (UV) COATED PANELS

Ultra Violet Coating is an Acrylic adhesive based decorative lacquer which is cured by Ultra Violet rays in a series of closed chambers. UV Coating is a very polished, lustrous coating applied to a panel surface which could be Melamine impregnated Prelam, Natural/Recon Veneered or even Metal Foiled. The process of UV drying makes the end product Emission Free. The UV lacquering is a fully automated, synchronized PLC controlled process.



## ADVANTAGE

- TESA UV boards are ready to use & no further finishing is required on surface. Hence it completely eliminate the extensive labor work & thus productivity of Plant get enhance drastically.
- All TESA products are tested in-house and in certified laboratories to qualify all the tests of Gloss, Scratch, UV cure etc.
- Transparent UV lacquer renders up to 98% long-lasting glossy finish
- Extra hardened UV coated surface makes it highly resistant to scratch and abrasion.
- Ultra Violet Coating on exterior grade MDF makes it highly resistant to moisture and fungal attack.
- Fixing of UV panels paneling application can be done with normal hardware like used for prelaminated boards.
- UV panels are recommended to be used for vertical application in normal furniture applications.
- Action TESA UV Coated Panels are ideal for laser engraving and CNC routing.

# ULTRA VIOLET (UV) COATED PANELS

**Melamine U.V. Coated Panel:** A series of 9 layers of UV coating being done on Prelaminated Boards. Decorative paper being used for the surface of boards & a special kind of Prelamination process being adopted to make boards before UV coatings.

**These panels from TESA have the following advantages:**

- Super smooth surface of MDF substrate
- Uniform pasting of veneer on MDF due to special pressing technology
- Solid wood like look
- As the UV coating line is fully automatic so the finish on these panels is uniform all over and gives a great finish
- 100% environment friendly
- The gloss level is more than 98% in high gloss version giving a mirror finish
- UV coated is 100% cure so no change in gloss levels with time
- Value for money product
- Ready to use product as the panel is ready to be used in the application without the efforts of doing any polish on that.

# PRODUCT SPECIFICATION

## ULTRA VIOLET (UV) COATED PANELS

<b>Type of Core Panel</b>	Available in Prelaminated MDF <b>Exterior Grade - Type-I, Highly Water resistant</b>
<b>BIS License (Core Panel)</b>	IS : 14587 (Prelaminated MDF)
<b>Sizes Available</b>	Prelaminated MDF : 8FT (2440 mm) x 4FT (1220MM) On specific customer demands we can further customize panel sizes in logical sizes variants.
<b>Thickness Available</b>	Prelaminated MDF : 18mm & 25mm
<b>Shades Available</b>	Melamine UV boards comes in more then 55 color

# APPLICATIONS

## ULTRA VIOLET (UV) COATED PANELS

- Kitchens Shutter • Sliding Wardrobe
- Wall Paneling & Embellishments
- Ceiling • LCD Display Unit • Wall Cladding
- Product Display Unit • Office Storage Unit
- Various Furniture & Fixtures
- High Gloss White Marker Board

# APPLICATIONS

ULTRA VIOLET (UV)  
COATED PANELS



It Can be used for Sliding Wardrobe, LCD Display Unit  
& Wall Paneling

# APPLICATIONS

ULTRA VIOLET (UV)  
COATED PANELS



It Can be used for Kitchen Shutter, Ceiling  
and Wall Cladding

# APPLICATIONS

ULTRA VIOLET (UV)  
COATED PANELS



CNC Routed Panel



Laser Engraving



Furniture Fixture



Actual Site Photograph

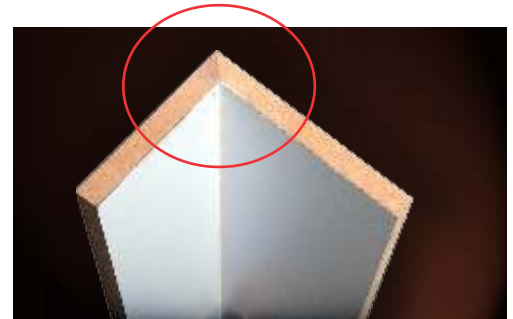


**APPLICATIONS**  
 ULTRA VIOLET (UV)  
 COATED PANELS

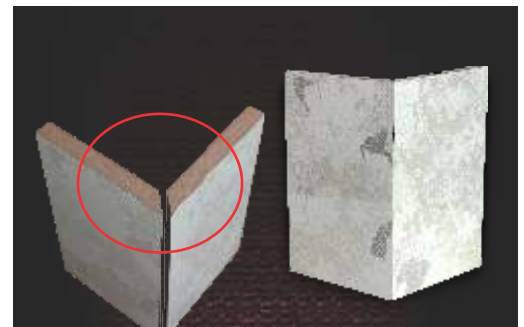
Display Unit



**Actual Site Photograph**



**RIGHT ANGEL JOINT (Miter Joint)**



**RIGHT ANGEL JOINT PILLAR (Miter Joint)**



**Any Carpenter easily make the right angel joint (Miter Joint) with help of Router Machine, Panel Saw, Circular Saw & Hand Planer.**

# APPLICATIONS

ULTRA VIOLET (UV)  
COATED PANELS



Actual Site Photograph

# WALL PANEL

## RECOMMENDED FIXING SOLUTION

### TYPES OF FITTING & HARDWARE

1

#### KEKU FITTING



2

#### SPRING CLIP



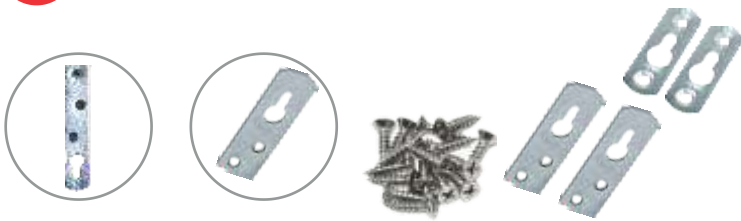
# WALL PANEL

## RECOMMENDED FIXING SOLUTION

### TYPES OF FITTING & HARDWARE

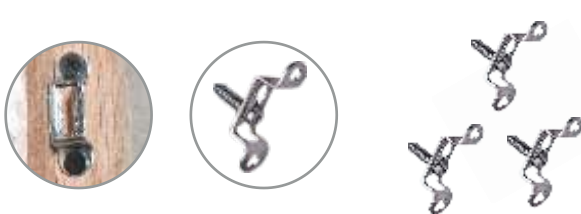
3

#### HANGER/HANGER PLATE



4

#### MODULAR CLIP



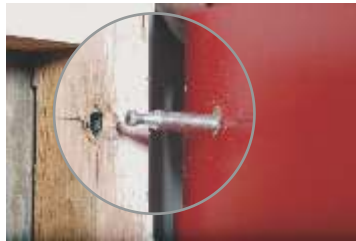
# WALL PANEL

## RECOMMENDED FIXING SOLUTION

### TYPES OF FITTING & HARDWARE

5

#### PUSH FIX



6

#### STUD FITTING



# UV RANGE



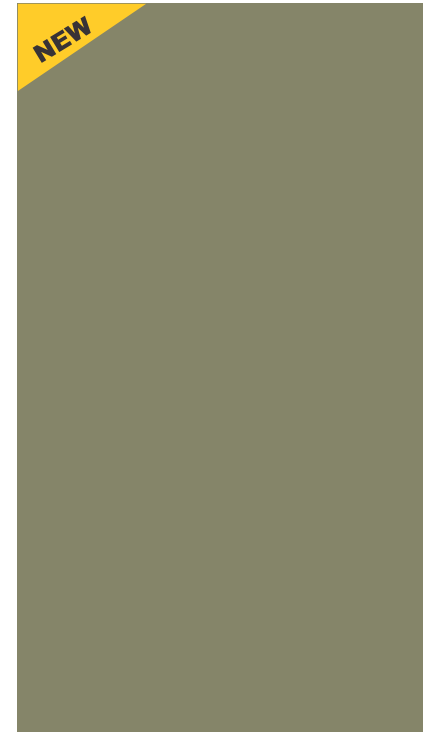
PASTEL ORANGE

1133



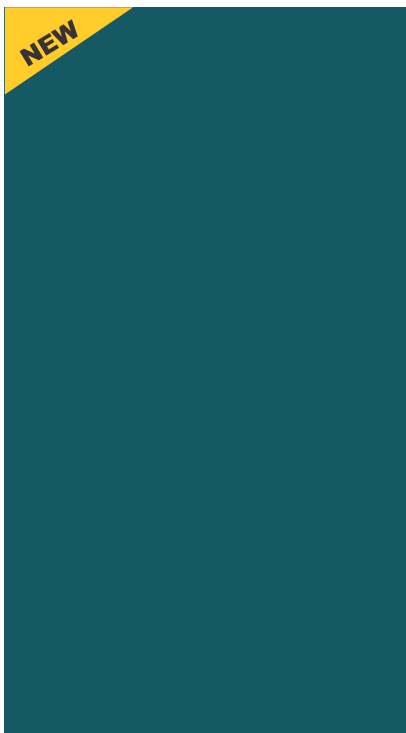
MOCHA BROWN

1134



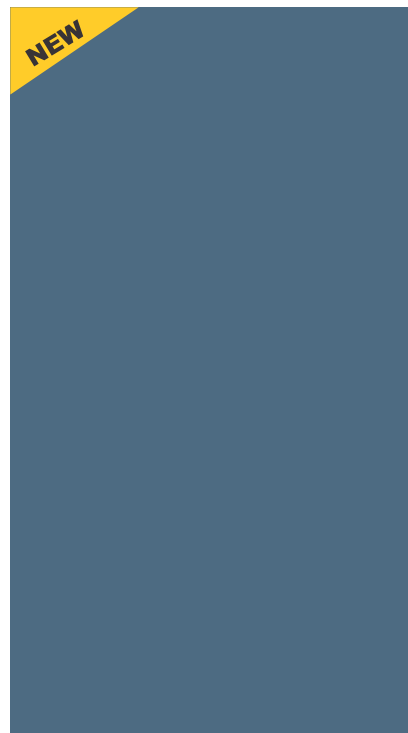
OLIVE

1135



OCEAN GREEN

1136



PERSIAN BLUE

1137



# UV RANGE



CHOCO WALNUT 3370



PERSIAN WALNUT 3371



WENGE BROWN 3377



BROWN TEAK 3390

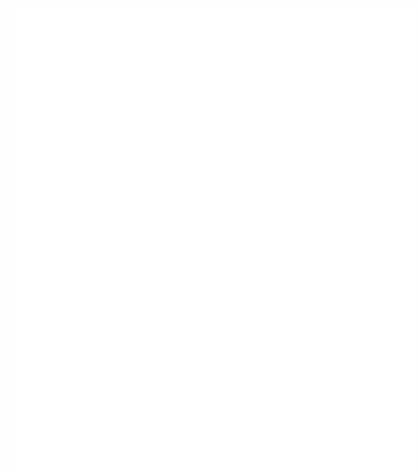


THAI TEAK 3402



ELEGANT TEAK 3041

# UV RANGE



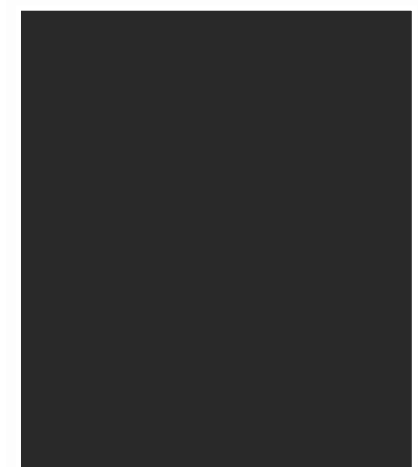
SUPER WHITE 1101



FROSTY WHITE 1103



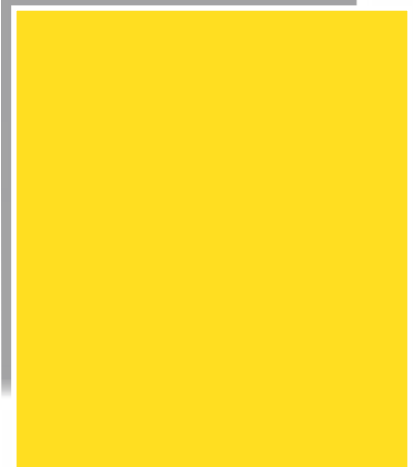
SLATE GREY 1105



BLACK 1106



CARDINAL RED 1107



MARIGOLD YELLOW 1108



ORANGE 1116



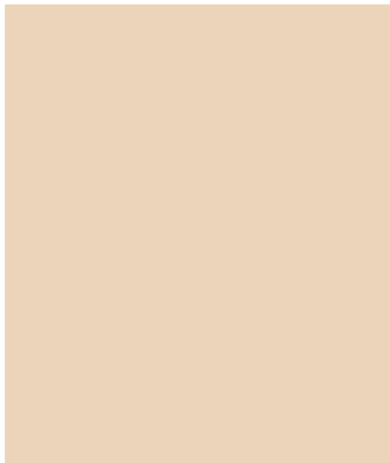
BURGUNDY RED 1118



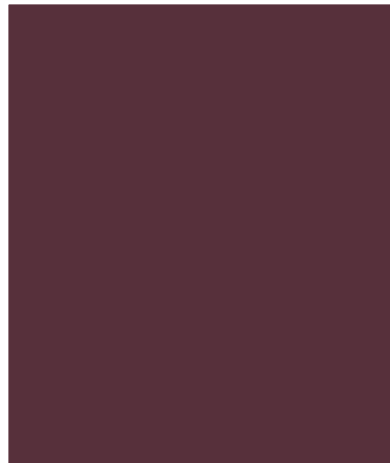
PARROT GREEN 1119



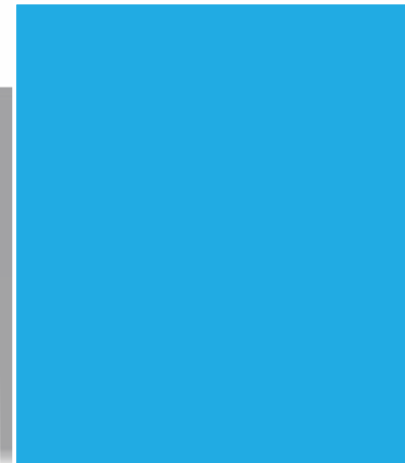
# UV RANGE



IRISH CREAM 1120



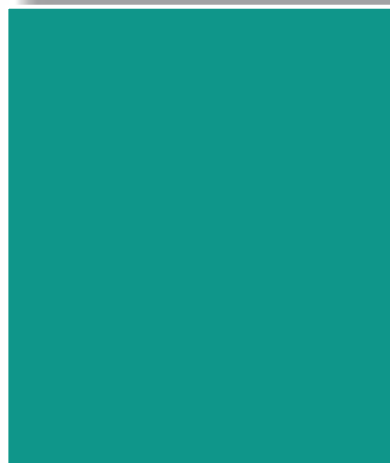
DARK VIOLET 1123



CELESTIAL BLUE 1125



HUTCH PINK 1126



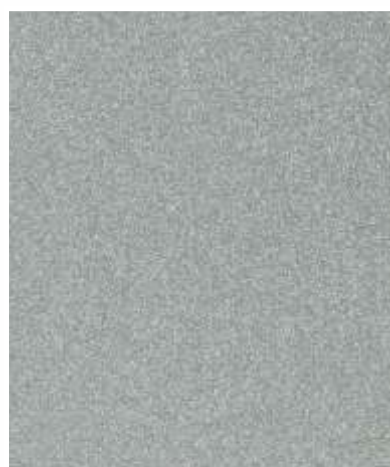
CARIBE 1129



STAR SPARKLE CARDINAL RED SP1107



STAR SPARKLE BLACK SP1106



SILVER GLITTER GM 1104



VIOLET GLITTER GM 1116

# UV RANGE



STONE MARBLE 3367



ITALIAN MARBLE 3354



GREY MARBLE 3353



CHOCO MARBLE 3366



CHOCO CROSS LINE 3046



SAND CROSS LINE 3045

# UV RANGE



GOLDEN GREY MARBLE 3411



BLUE STONE 3398



GRANITE 3356



YELLOW GOLD MARBLE 3355



LEATHER GREY 3396



CREAM STONE 3397

# UV RANGE



BLACK MARBLE 3410



LINEN WHITE 3359



LINEN BLACK 3360



GULMOHAR 3337



RUSTIC IVORY 3358



LINEN GOLD BLACK 3394

# UV RANGE



MOLDAU ACACIA DARK 3026



MOLDAU ACACIA LIGHT 3025



LORRAINE WALNUT 3007



CLASSIC PLANKED WALNUT 3009



RED SAMOA 3343



NOCE DI VINCI 3017

# UV RANGE



GOLD VENEER 3348



HICKORY 3344



SANTOSE 3339



MAHOGANY 3024



SAPELLI 3015



LEATHER BROWN 3395



SATIN WOOD 3340



TULIP 3342



SMOKE ZEBRANO 3345

# UV RANGE



FLOWERY WENGE 3002



BLACK CURRENT 3322



NEW COUNTRY DARK 3028



NEW COUNTRY LIGHT 3013



BRUSHED ALUMINUM 3346



AFRICAN EBONY 3338







HIGHLAND PINE 3003



# Essence

## OF TESA UV COATED PANELS

<b>9</b> LAYERS OF HIGH GLOSS UV LACQUER	The Action TESA Ultra Violet Coated Panels are coated with 9 Layers of UV Lacquer rendering an impervious and permanent high gloss surface.
<b>EG</b> EXTERIOR GRADE CORE	Exterior Grade Core Panel used for high water resistance making it ideal for applications in moisture prone areas
 <b>SCRATCH RESISTANT</b>	1H Pass And 2H Light
<b>103</b> GLOSS LEVEL	Transparent UV Lacquer renders 103 High Gloss level that does not lose its sheen with the passage of time. Increased sharpness & depth of decor.
 <b>E FRIENDLY</b>	Environment Friendly Panelling Solution with 0.05 mg/L of Formaldehyde Emission, Zero VOC & has no Benzene or lead content.
 <b>RESISTANT TO ACIDS &amp; ALKALIES</b>	Resistant to most acids, alkalies & stains.
<b>HARD WOOD</b>	Hard Wood used for motherboards
 <b>EASY WORKABILITY</b>	Easy workability. Can be cut with any saw having a TCD/PCD Tip @ 4500 rpm. Can be easily fixed as would conventional panels.

Enriched With  
**JOME**  
TECHNOLOGY



**MADE IN INDIA**



**BALAJI ACTION BUILDWELL** Corporate Office : G-11, Udyog Nagar, Main Rohtak Road, New Delhi - 110 041

**CUSTOMER CARE SERVICE: 011-41120018, 41120098**

**cce2@actiontesa.com, cce3@actiontesa.com**

**Product Range :** •Pre-Laminated & Plain Particle Board, MDF, HDF & HDHMR Board •BOILO - BWP HDF BOARD  
•HDHMR Door •HDF Laminated Flooring •Embossed HDF Board •UV Coated Board •High Gloss Acrylic Board •Door Skins



Download the Action TESA app on your android mobile from **Google Play Store** & For iOS user, download the app from **App Store**