



# E3

elegant | everlasting | economical

## PRE-LAM

E3 HDMR | MDF | BOIL GUARD | XDF

WITH MATCHING  
EDGE BANDS & LAMINATES



Ye Righta  
Lamba  
Chalega





#### ABOUT THE GROUP

**Success at E3 Group is all about the right combinations:** Where delighting consumers spark imagination, curiosity arouses creativity, and innovation provides opportunities. Together we break new ground and dare to create surprising products, repeatedly causing the observer to marvel at our creations. That is our unifying mission.

**E3 Group** is the leading manufacturer of interior and exterior products with more than 6000 dealer's network in PAN INDIA. **E3 Facilities** are fully equipped with state-of-the-art technology and modern infrastructure. E3 believes in "*Made in India*" world-class quality products by "Delivering promise and exceeding expectations".

**E3 GROUP** is the Leading Surface Product Manufacturer of

#### INTERIOR RANGE

- E3 HDMR MDF
- Edge Band
- Clads Seamless Panel
- Laminates
- Acrylic Laminates & Panels
- Modular Kitchen | Wardrobe | Door
- Hardware
- PU Stone
- Soffit Panels
- Pet Acoustic Panels
- Plywood

#### EXTERIOR RANGE

- ACP
- HPL
- Exterior WPE Clads
- Artificial Grass
- Sports Turf
- Exterior WPE Decking



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GROUP PROFILE





## E3 PRE-LAM PRODUCT RANGE

|     |                     |     |                     |
|-----|---------------------|-----|---------------------|
| OSL | One-side laminated  | OSB | One-side Balancing  |
| BSL | Both-side laminated | BSB | Both-side Balancing |
| OSD | One-side Decorative |     |                     |

## ALL E3 PRE-LAM RANGE IS AVAILABLE WITH



## PRODUCT SPECIFICATIONS

Finishes: Suede and Matt | Thickness: 2 mm - 25 mm | Size: 2440mm×1220mm

## PRODUCT FEATURES

|  |                           |  |                    |      |                  |
|--|---------------------------|--|--------------------|------|------------------|
|  | DURABLE                   |  | CARPENTER FRIENDLY |      | FULL THICKNESS   |
|  | SUITABLE FOR INTERIOR USE |  | EASY TO CLEAN      | 100% | PHENOLIC BONDING |



100% MATCHING  
EDGE BANDS & LAMINATES

IS : 12406



DOWNLOAD  
ARTESA PRE-LAM  
SHADE CARD

IS : 14587



# NEW ARRIVALS

NEW



Matching Edge Band: 2232

E 189

BRISTLING WALNUT LIGHT

NEW



Matching Edge Band: 2233

P 190

ARIZONA OAK LIGHT

NEW



Matching Edge Band: 2235

P 192

ARIZONA OAK DARK

NEW



Matching Edge Band: 2234

E 191

BRISTLING WALNUT DARK



NEW



P 193

PARIA OAK

Matching Edge Band: 2316

NEW



P 194

GRENEDA PINE

Matching Edge Band: 2218

NEW



P 195

MERANA WOOD

Matching Edge Band: 2236

NEW



E 196

BRUSSEL WOOD

Matching Edge Band: 2237

NEW



E 197

AESTHETIC DUNE

Matching Edge Band: 2238

NEW



E 198

PERSIAN OAK

Matching Edge Band: 2239

NEW



E 199

DUSKY WOOD

Matching Edge Band: 2240

NEW



E 200

ALBERTA BEACH

Matching Edge Band: 2241



Matching Edge Band: 2201

E 201 EUROPEAN TEAK



Matching Edge Band: 2202

E 202 FRENCH OAK



Matching Edge Band: 2203

E 203 GERMAN OAK



Matching Edge Band: 2204

E 204 ALASKA DARK



Matching Edge Band: 2205

E 205 ALASKA LIGHT



Matching Edge Band: 2080

E 206 CLASSIC PLANKED



Matching Edge Band: 2207

E 207 NIAGRA OAK



Matching Edge Band: 2062

E 208 ACACIA (LIGHT)



Matching Edge Band: 2208

E 209 AMERICAN OAK



Matching Edge Band: 2061

E 210

ACACIA (DARK)



Matching Edge Band: 2209

E 211

PACIFIC WOOD



Matching Edge Band: 2210

E 212

HIGH LINE PINE



Matching Edge Band: 2211

P 213

ROYAL TEAK



Matching Edge Band: 2212

E 214

GREY WALNUT



Matching Edge Band: 2009

E 215

MANGFALL BEACH



Matching Edge Band: 2226

E 216

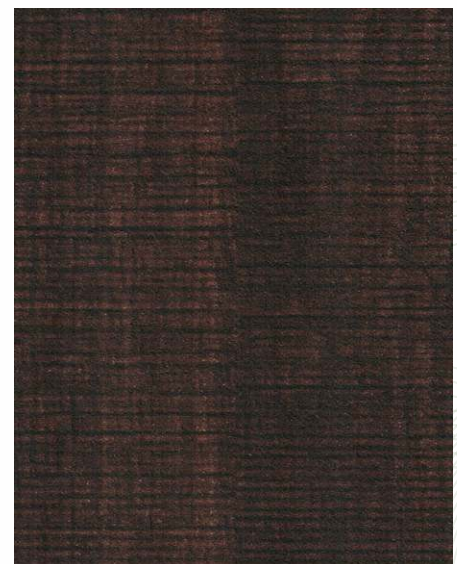
BAVARIAN BEACH



Matching Edge Band: 2213

E 217

SAND CROSS LINE



Matching Edge Band: 2214

E 218

CHOCO CROSS LINE



Matching Edge Band: 2227

E 219

MAPLE WHITE



Matching Edge Band: 2095

E 220

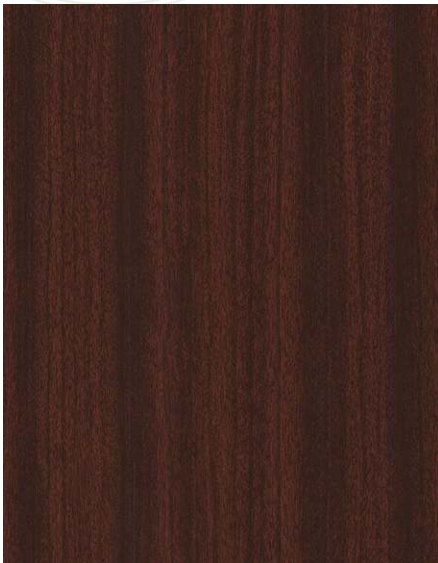
EVERGREEN TEAK



Matching Edge Band: 2215

E 221

OXFORD CHERRY



Matching Edge Band: 2058

E 222

MAHAGONY



Matching Edge Band: 2058

E 223

SAPELLE NEW



Matching Edge Band: 2217

E 224

ROSE WOOD



Matching Edge Band: 2041

E 225

N.T BROWN



Matching Edge Band: 2063

E 226

FL WENGE



Matching Edge Band: 2003

E 227

DARK WENGE



Matching Edge Band: 2049

E 228

CASTLE OAK



Matching Edge Band: 2004

E 229

SWARNA GOLD



Matching Edge Band: 2218

E 230

NOVACENTO PINE



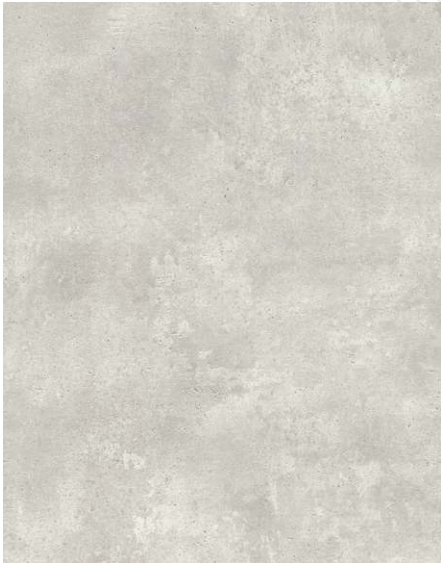
MARBLE COLLECTION



P 231

PEARL

Matching Edge Band: 2219



E 232

ALASKA STONE

Matching Edge Band: 2220



P 233

STATUARIO

Matching Edge Band: 2522



E 234

DARK EMPRADOR

Matching Edge Band: 1006



E 235

MARBLE CHIPS

Matching Edge Band: 2221

**NEW  
ARRIVALS**

NEW

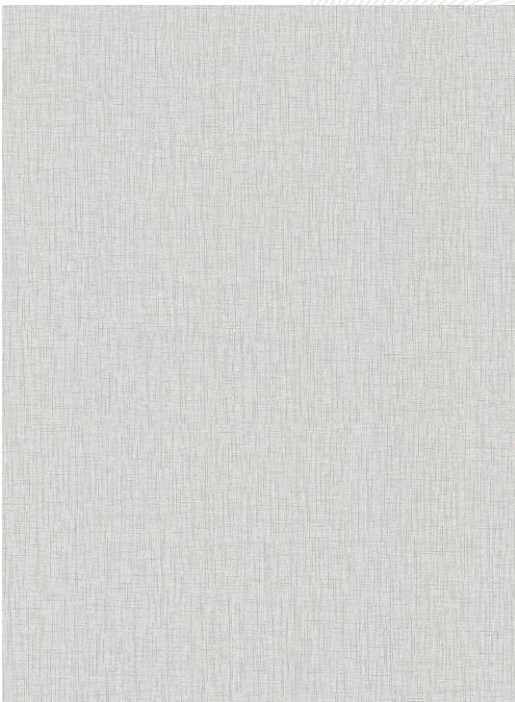


Matching Edge Band: 2312

E 313

WARM FABRIC

NEW

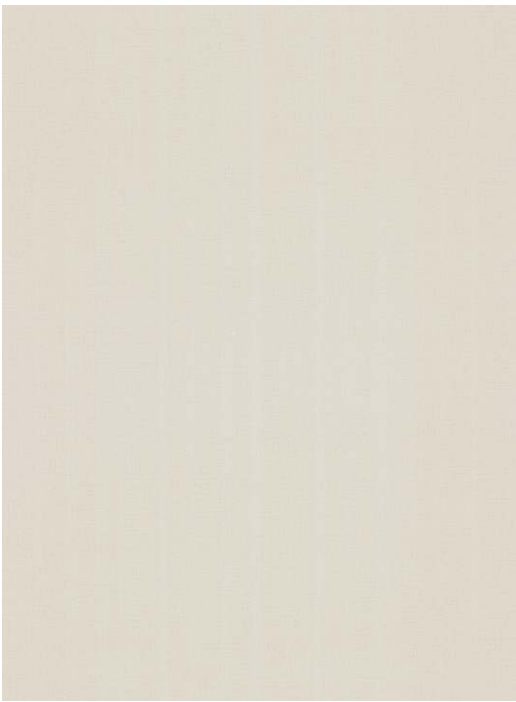


Matching Edge Band: 2302

E 314

GREY FABRIC

NEW



Matching Edge Band: 2312

E 315

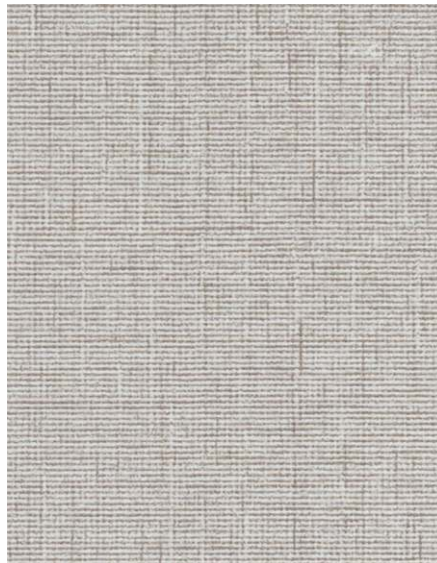
BRILLIANT WEAVE



E 301

FAB CREAM

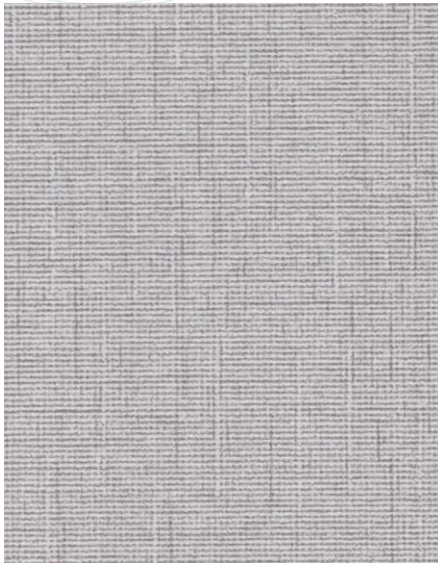
Matching Edge Band: 2222



E 302

ROYAL KHADI

Matching Edge Band: 2223



E 303

KHADI GREY

Matching Edge Band: 2302



E 304

HAZEL FABRIC

Matching Edge Band: 2324



E 305

CLOUDY CAMBRIC

Matching Edge Band: 2225

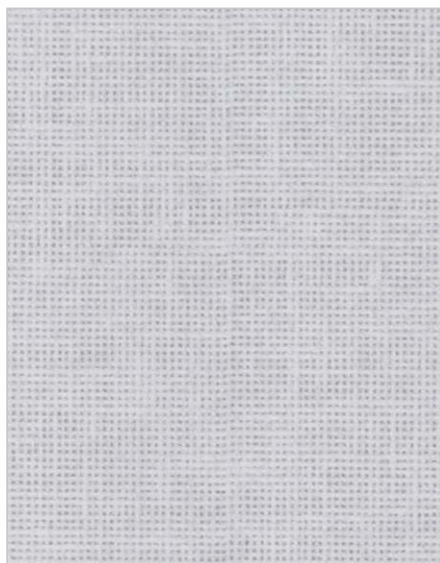


E 306

CREAM CAMBRIC

Matching Edge Band: 2098

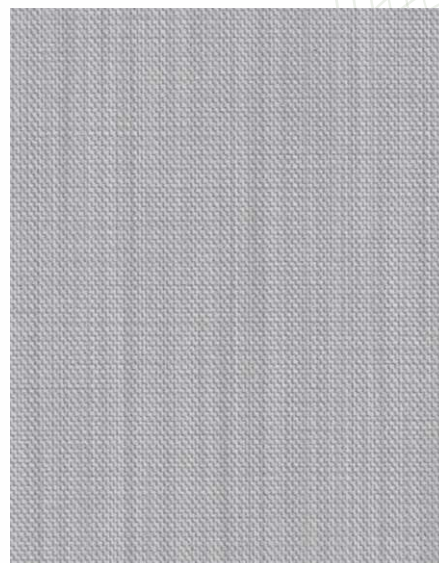




Matching Edge Band: 2100

E 307

MESH FABRIC



Matching Edge Band: 2339

E 308

LINEN GREY



Matching Edge Band: 2089

E 309

ROYAL FABRIC



Matching Edge Band: 2340

E 310

LINEN BROWN



Matching Edge Band: 2310

E 311

DUNE FABRIC



Matching Edge Band: 2310

E 312

TWILL DENIM

SOLID COLLECTION

 **100% EDGE BANDS**  
MATCHING & LAMINATES



Matching EB:

E 100

FROSTY WHITE / BSB



Matching EB: 1001

E 101

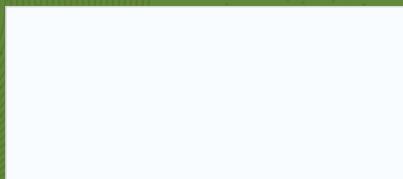
SNOW WHITE



Matching EB: 1101

E 102

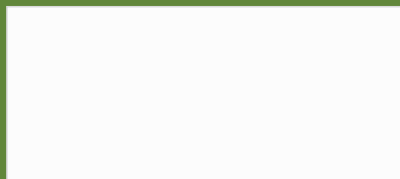
AQUA WHITE / BSB



Matching EB: 1001

E 103

SUPER WHITE / BSB



Matching EB: 1002

E 104

OFF WHITE



Matching EB: 1103

E 105

WARM WHITE



Matching EB: 1002

P 106

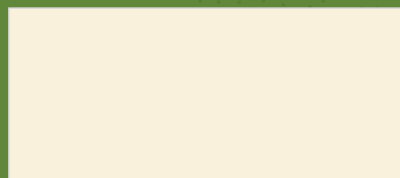
ROYAL WHITE



Matching EB: 1002

P 107

WOOL



Matching EB: 1033

P 108

IVORY



Matching EB: 1046

P 109

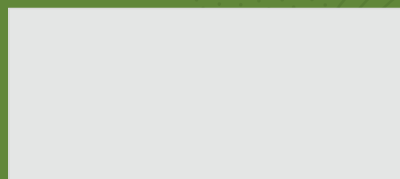
COFFEE



Matching EB: 1013

P 110

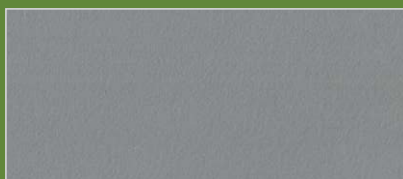
CAPPUCCINO



Matching EB: 1004

P 111

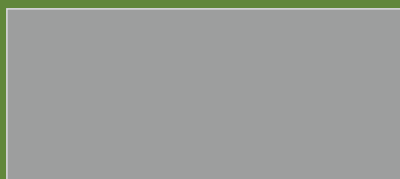
SILVER GREY



Matching EB: 1019

P 112

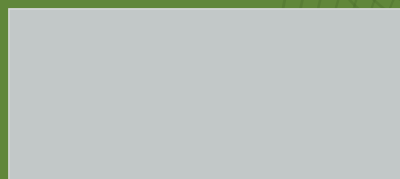
GOTHIC GREY



Matching EB: 1051

E 113

LIGHT GREY



Matching EB:

E 129

SALT GREY





P 114

SLATE GREY

Matching EB: 1005



E 115

DARK GREY

Matching EB: 1005



P 116

FOSSIL

Matching EB: 1107



P 117

ORANGE

Matching EB: 1015



P 118

PARROT GREEN

Matching EB: 1118



P 119

PINK

Matching EB: 1106



P 120

ELECTRIC BLUE

Matching EB: 1011



P 121

SUNFLOWER

Matching EB: 1007



E 122

KINGFISHER BLUE

Matching EB: 1011



E 123

CARNIVAL RED

Matching EB: 1009



E 124

CLASSIC BLACK

Matching EB: 1006



E 125

NAGPUR ORANGE

Matching EB:



E 126

EVERGREEN PINK

Matching EB:



E 127

YELLOW

Matching EB:



E 128

GREEN

Matching EB: 1018:



## TECHNICAL SPECIFICATIONS

| S.No. | Test                                 | Unit                        | HDMR                                                                  | Exterior  | Interior  | Boil Guard |
|-------|--------------------------------------|-----------------------------|-----------------------------------------------------------------------|-----------|-----------|------------|
| 1     | Density                              | kg/m <sup>3</sup>           | 850-900                                                               | 700-800   | 700-800   | >1000      |
| 2     | Variation from mean density          | %                           | ±10                                                                   | ±10       | ±10       | ±10        |
| 3     | Moisture Content                     | %                           | 4.0-8.0                                                               | 4.0-8.0   | 4.0-8.0   | 4.0-8.0    |
| 4     | Variation from mean moisture content | %                           | ±3                                                                    | ±3        | ±3        | ±3         |
| 5     | Thickness Swelling in 24 hrs (Max)   | %                           | Up to 20                                                              | Up to 35  | Up to 35  | ≤2         |
| 6     | Modulus of rupture (Min)             | N/mm <sup>2</sup>           |                                                                       |           |           |            |
|       | a) Up to 20mm Thickness (Average)    |                             | 30-35                                                                 | 22-27     | 18-23     | >50        |
|       | b) Above 20mm Thickness (Average)    |                             | 25-30                                                                 | 15-22     | 15-18     | >48        |
| 7     | Modulus of elasticity (Min)          | N/mm <sup>2</sup>           |                                                                       |           |           |            |
|       | a) Up to 20mm Thickness (Average)    |                             | 2600-3200                                                             | 2300-2800 | 2100-2800 | >5500      |
|       | b) Above 20mm Thickness (Average)    |                             | 2100-2600                                                             | 1900-2300 | 1700-2100 | >5000      |
| 8     | Internal bond strength (Min)         | N/mm <sup>2</sup>           |                                                                       |           |           |            |
|       | a) Up to 20mm Thickness (Average)    |                             | 0.90-1.20                                                             | 0.60-0.70 | 0.55-0.65 | >2.0       |
|       | b) Above 20mm Thickness (Average)    |                             | 0.80-1.10                                                             | 0.50-0.60 | 0.50-0.55 | >2.0       |
| 9     | Internal bond strength (Min)         | N/mm <sup>2</sup>           |                                                                       |           |           |            |
|       | a) After cyclic Test                 |                             | 0.12-0.35                                                             | 0.10-0.35 | NA        | >1.0       |
|       | b) After AWR                         |                             | 0.12-0.20                                                             | 0.10-0.20 | NA        | >1.0       |
| 10    | Screw withdrawal strength (Min)      | N                           |                                                                       |           |           |            |
|       | a) Face                              |                             | 3000                                                                  | 1250      | 1250      | ≥4000      |
|       | b) Edge                              |                             | 2300                                                                  | 850       | 700       | ≥2600      |
| 11    | Surface abrasion (Min)               |                             |                                                                       |           |           |            |
|       | a) Type - 1                          |                             | 1000                                                                  | 1000      | 1000      | 1000       |
|       | b) Type - 2                          |                             | 450                                                                   | 450       | 450       | 450        |
|       | c) Type - 3                          |                             | 250                                                                   | 250       | 250       | 250        |
|       | d) Type - 4                          |                             | 75                                                                    | 75        | 75        | 75         |
| 12    | Resistance to steam / water vapours  |                             | No blister, delamination or change in surface finish                  |           |           |            |
| 13    | Resistance to Crack                  |                             | No sign of crack or delamination                                      |           |           |            |
| 14    | Resistance to cigarette burn         |                             | No mark or stain on the specimen after cleaning with water or solvent |           |           |            |
| 15    | Resistance to stain                  |                             | No stain on the specimen after cleaning with water or detergent       |           |           |            |
| 16    | Formaldehyde content (Fc)            | mg/100 g for oven dry board | Formaldehyde Class, E1 : Fc≤8                                         |           |           |            |
|       |                                      |                             | Formaldehyde Class, E2 : 8<Fc≤30                                      |           |           |            |



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