

# exterior grade

Decorative Panels



**G-Ext**<sup>®</sup>  
Exterior Decorative Panels





**G-Ext**<sup>®</sup>  
Exterior Decorative Panels



**G-Ext® dış cephe dekoratif panelleri**, düzgün ve gözeneksiz yüzeyi sayesinde kirlenmeyi geciktirir, kolay temizlemeye imkan sağlar, yanmayı geciktirici özelliğe sahiptir, yangın sırasında erimez, ateş damlaları oluşturmaz, kolay alev almaz, patlamaz, zehirli gaz çıkartmaz, darbe ve mekanik basınçlara karşı dayanımı çok yüksektir, Asbest-Klorit-Toksik maddeler içermez, eğilme, bükülme ve çizilmelere mukavimdir, aşınma ve çatlamaya yüksek direnç gösterir, kolay işlenebilir, kesilip ebatlanabilir, delinebilir ve kolayca şekillendirilebilir, rutubete ve buhara karşı yüksek dayanım sağlar, atmosferden kaynaklı kimyevi maddelerden etkilenmez.



**Su Tutmayan Yüzey**  
Water Repellant



**Çarpmalara Ultra Dayanım**  
Impact Resistance



**Düşük Işık Yansıtması**  
Low Light Reflectivity



**Kuru Sıcaklığa Ultra Dayanım**  
Dry Heat Resistance



**Sıcak ve Soğuk Geçişlerine Ultra Dayanım**  
Heat & Cold Resistance



**Çizilme ve Aşınmaya Ultra Dayanım**  
Scratch & Abrasion Resistance



**Kolay Temizlenebilme**  
Easy To Clean



**Fevkalade Renk Derinliği**  
Ultra Color Intensity



**Kimyasallara Ultra Dayanım**  
Chemical Resistance

### **Endless possibilities...**

G-Ext® exterior decorative panels brings compelling aesthetic and nearly limitless design possibilities to next-generation architectural claddings. With its smooth, seamless and non-porous surface, G-Ext® decorative panels are easy to clean and it takes longer for to accumulate dirt and thus they are easy to maintain.

### **With durability, longevity and safety**

G-Ext® panels are very durable and resistant to mechanical or physical stress such as bending, impact, cracking and scratching without losing its ability to be easily processed with sizing, drilling and engraving tools. In addition, G-Ext® is highly durable to environmental exposure, such as sunlight, heat, moisture and other atmospheric chemicals which ensures structural integrity and color stability.

When required, G-Ext® panels can be produced with enhanced fire retardant and fire resistant capabilities.

When encountered with fire, the material does not enflame easily and no melting, burning droplets, explosion, or toxic gas emissions happens during fire exposure.

### **Without compromise on health and environment.**

None of our surface materials contain highly toxic substances such as asbestos and chlorine and all production is highly regulated and constantly audited in order to maintain accordance to most current European regulations on emissions.

\*For detailed information: [www.gentas.com.tr](http://www.gentas.com.tr)







25686 (Raw Steel)



## GENTAŞ ENVIRONMENTAL DECLARATION

### GENTAŞ OPERATIONAL MEASURES FOR IMPROVEMENT OF ENVIRONMENTAL PERFORMANCES

The production process of "GENTAŞ" laminates has been adapted to the environment thematic.

New and strict regulations had been adopted to ensure a continuous improvement of the environmental performances.

The purity of the air and of the water is being efficiently protected in the production department area.

All the gases from the impregnation and pressing machinery are absorbed and eliminated in a special steam boiler. This

important process is controlled by our Technical Manager and supervised by government authorities.

The residues resulting from the production are efficiently treated in the factory area.

As another part of GENTAŞ care for the environment, all the raw material used for the production of the laminates are purchased only from suppliers who are in environmental performances needed. possession of ISO 9002 and Kraft papers only from FSC certificated producers. Our Kraft paper contains an important percentage of recycled paper (around 20%) and our decorative papers do not contain any of the following materials:

- Cadmium
- Chrome Hexavalent
- Lead
- Mercury
- Polybrominated Biphenils (PBB)
- Polybrominated Diphenylether (PBDE)

No efforts will be spared by GENTAŞ to continue the implementation of all the necessary actions to achieve the best. We are a FSC certified laminate producer

We added respect to the nature to the quality of our products. FSC had certified that our laminate products has been manufactured from the sustainable managed resources and submitted far your use.



## GENTAŞ ÇEVRE DEKLERASYONU

### ÇEVRESEL PERFORMANSIN İYİLEŞTİRİLMESİ İÇİN ALINAN OPERASYONEL ÖNLEMLER

Üretim süreci çevre tematiğine uyarlanmıştır.

Çevresel performansın sürekli iyileştirilmesini sağlamak için yeni ve katı düzenlemeler uygulanmıştır.

Üretim alanındaki hava ve suyun saflığı etkin bir şekilde korunmaktadır.

Emprenye ve pres makinelerinden çıkan tüm gazlar özel bir buhar kazanında emilip bertaraf edilmektedir. Bu önemli süreç Teknik Müdüremiz tarafından

kontrol edilirken, hükümet yetkilileri tarafından da denetlenmektedir.

Üretimden kaynaklanan kalıntılar fabrika sahasında etkin bir şekilde arıtılmaktadır.

GENTAŞ'ın, çevreye karşı olan duyarlılığı ile paralel bir diğer konu; laminat üretiminde kullanılan tüm hammaddeler, gerekli çevresel performansa sahip tedarikçilerden satın alınmaktadır.

Sadece FSC (Orman Yönetim Konseyi) sertifikalı firmalardan tedarik ettiğimiz kraft kağıdımız, önemli oranda geri dönüştürülmüş kağıt içerir (yaklaşık% 20) ve dekoratif kağıtlarımız aşağıdaki malzemelerden hiçbirini içermez:

- Kadmiyum
- Hekzavalan Krom Bileşikleri
- Kurşun
- Cıva
- Polibromlu Bifeniller (PBB)
- Polibromlu Difenil Eter (PBDE)

Gentaş, en iyisini elde etmek amacıyla, çevre için gerekli tüm eylemlerin uygulanmasına, hiçbir çabadan kaçınmadan devam edecektir.

Ürünlerimizin kalitesine, doğaya saygıyı ekledik. FSC sertifikalı bir laminat üreticisiyiz. FSC sertifikası; ürünlerimizin sürdürülebilir, yönetilen kaynaklardan üretilerek kullanımınıza sunulduğunu belgelemektedir.



FSC sertifikalı bir laminat üreticisiyiz. // We are a FSC certified laminate producer.

The Original High Pressure Laminates

**EBC** PANELS  
PANELLER

**WOOD**

AHŞAP RENKLER

**NATURAL STONE &**

**CONCRETE**

DOĞAL TAŞ & BETON

The Original High Pressure Laminates

## FULL SIZE/TAM BOY



24659 (Saratoga White)



24657 (Saratoga Brown)



WOOD/AHŞAP RENKLER

The Original High Pressure Laminates

**EBC** PANELS  
PANELLER



24659 (Saratoga White)



24657 (Saratoga Brown)

The Original High Pressure Laminates

## FULL SIZE/TAM BOY



24658 (Saratoga Black)



24389 (Brown Bubinga)



## WOOD/AHŞAP RENKLER

The Original High Pressure Laminates

**EBC** PANELS  
PANELLER



24658 (Saratoga Black)



24389 (Brown Bubinga)

The Original High Pressure Laminates

## FULL SIZE/TAM BOY



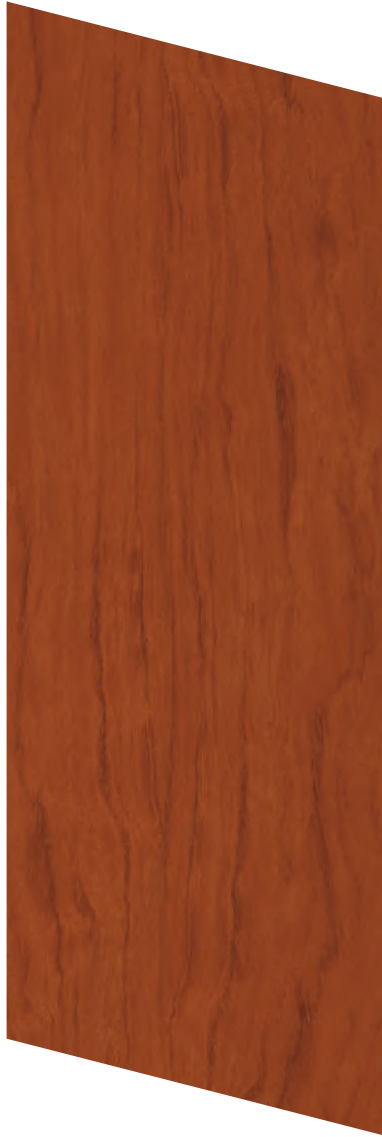
24390 (Red Bubinga)



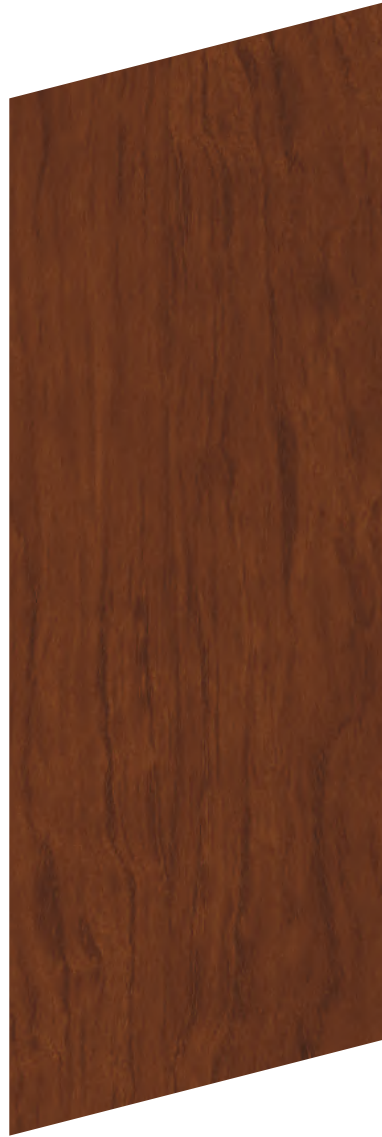
24391 (Cacao Bubinga)



**WOOD/AHŞAP RENKLER**



24390 (Red Bubinga)



24391 (Cacao Bubinga)

The Original High Pressure Laminates

## FULL SIZE/TAM BOY



24392 (Mustard Bubinga)



24532 (Regal Mahogany-2 Red)

## WOOD/AHŞAP RENKLER

The Original High Pressure Laminates

**EBC** PANELS  
PANELLER



24392 (Mustard Bubinga)



24532 (Regal Mahogany-2 Red)

The Original High Pressure Laminates

## FULL SIZE/TAM BOY



24530 (Regal Mahogany-3 Dark Brown)



24531 (Regal Mahogany-1 Grey)





**WOOD/AHŞAP RENKLER**



24530 (Regal Mahogany-3 Dark Brown)



24531 (Regal Mahogany-1 Grey)

The Original High Pressure Laminates

## FULL SIZE/TAM BOY



24535 (Novacento Pine-3)



24533 (Novacento Pine-1)

## WOOD/AHŞAP RENKLER

The Original High Pressure Laminates

**EBC** PANELS  
PANELLER



24535 (Novacento Pine-3)



24533 (Novacento Pine-1)

The Original High Pressure Laminates

## FULL SIZE/TAM BOY



24534 (Novacento Pine-2)



24292 (Palisander)

## WOOD/AHŞAP RENKLER

The Original High Pressure Laminates

**EBC** PANELS  
PANELLER



24534 (Novacento Pine-2)



24292 (Palisander)



The Original High Pressure Laminates

## FULL SIZE/TAM BOY



24279 (Teak)



24290 (Ebony)





The Original High Pressure Laminates

**EBC** PANELS  
PANELLER

## WOOD/AHŞAP RENKLER



24279 (Teak)



24290 (Ebony)

The Original High Pressure Laminates

## FULL SIZE/TAM BOY



24241 (Koyu Ahşap)



24248 (Mahagony)



The Original High Pressure Laminates

**EBC** PANELS  
PANELLER

## WOOD/AHŞAP RENKLER



24241 (Koyu Ahşap)



24248 (Mahagony)









Bazilicas iela

Lāplīda iela



The Original High Pressure Laminates

## FULL SIZE/TAM BOY



25629 (Metallic Oxid-1)



25678 (Vintage Steel)





The Original High Pressure Laminates

**EBC** PANELS  
PANELLER

**NATURAL STONE & CONCRETE**  
DOĞAL TAŞ & BETON/



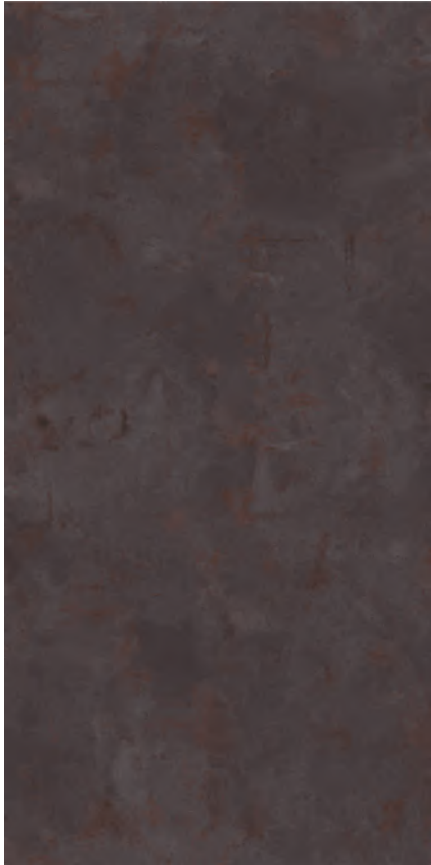
25629 (Metallic Oxid-1)



25678 (Vintage Steel)

The Original High Pressure Laminates

## FULL SIZE/TAM BOY



25630 (Metallic Oxid-3)



25687 (Kena)



The Original High Pressure Laminates

**EBC** PANELS  
PANELLER

**NATURAL STONE & CONCRETE**  
DOĞAL TAŞ & BETON/



25630 (Metallic Oxid-3)



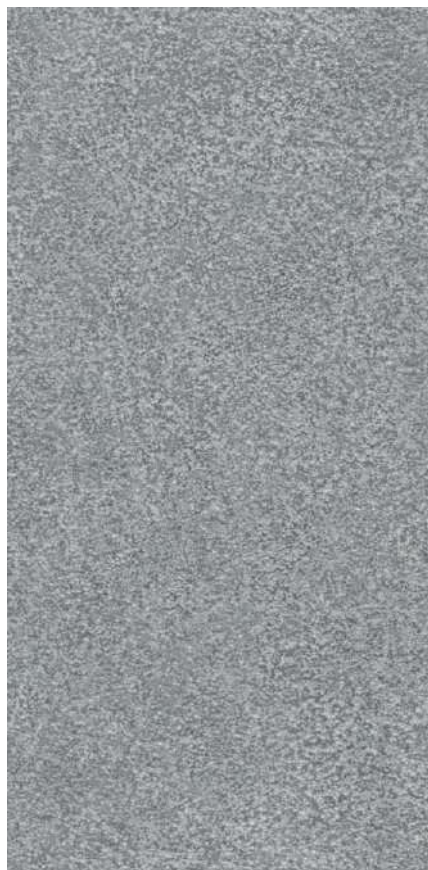
25687 (Kena)

The Original High Pressure Laminates

## FULL SIZE/TAM BOY



25689 (White Trentino)



25690 (Grey Trentino)



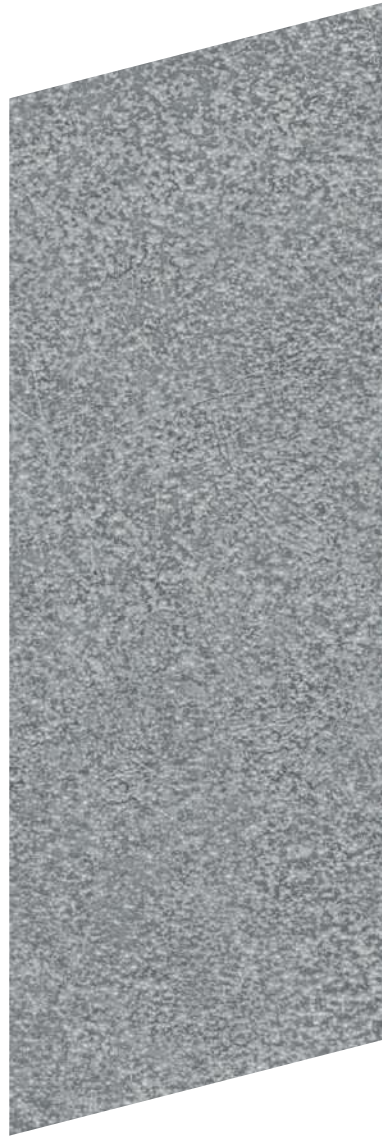
The Original High Pressure Laminates

**EBC** PANELS  
PANELLER

**NATURAL STONE & CONCRETE**  
DOĞAL TAŞ & BETON/



25689 (White Trentino)



25690 (Grey Trentino)



The Original High Pressure Laminates

## FULL SIZE/TAM BOY



25685 (Raw Steel Grey)



25686 (Raw Steel Green)





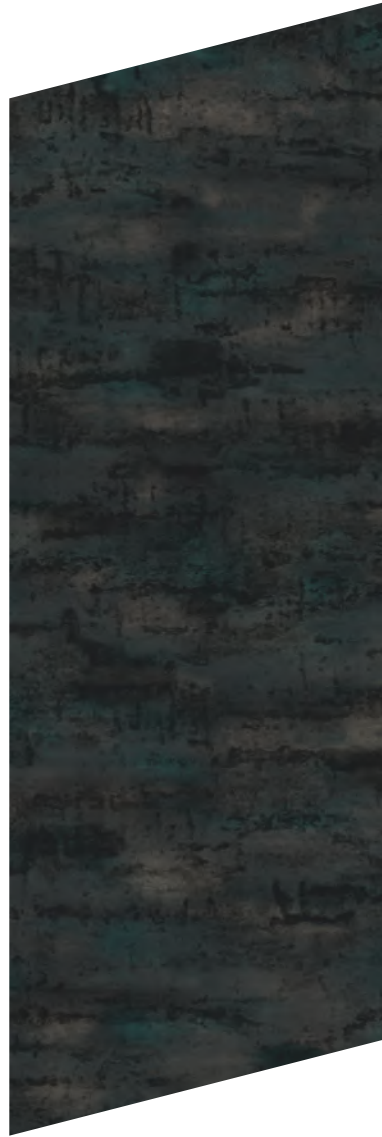
The Original High Pressure Laminates

**EBC** PANELS  
PANELLER

**NATURAL STONE & CONCRETE**  
DOĞAL TAŞ & BETON/



25685 (Raw Steel Grey)



25686 (Raw Steel Green)

The Original High Pressure Laminates

**FULL SIZE/TAM BOY**



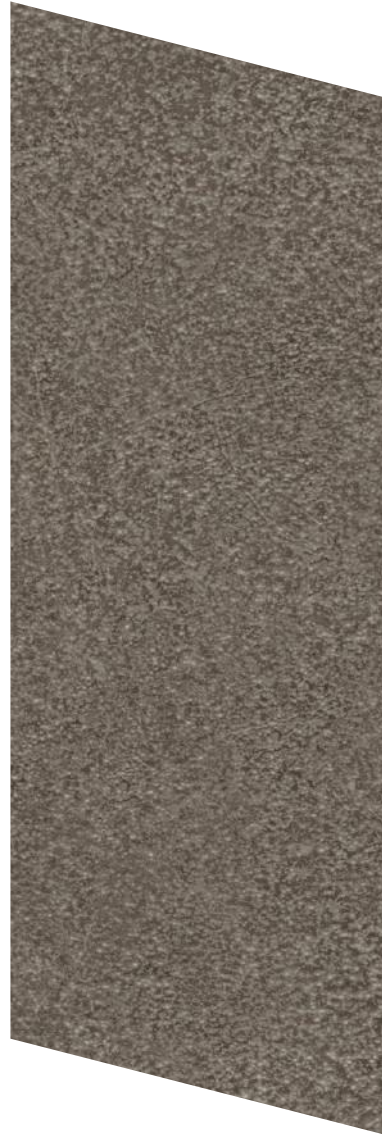
25683 (Black Trentino)



The Original High Pressure Laminates

**EBC** PANELS  
PANELLER

**NATURAL STONE & CONCRETE**  
DOĞAL TAŞ & BETON/



25683 (Black Trentino)







The Original High Pressure Laminates

**G-Uv+** PANELS  
PANELLER

**PLAIN COLOR**  
DÜZ RENKLER

**WOOD**  
AHŞAP RENKLER

**NATURAL STONE &  
CONCRETE**  
DOĞAL TAŞ & BETON



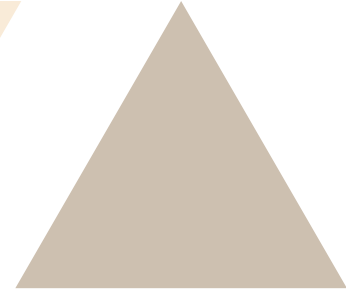
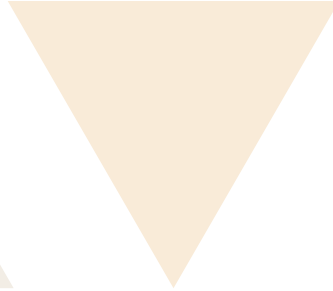


3103 (Ultrawhite) RAL 9016

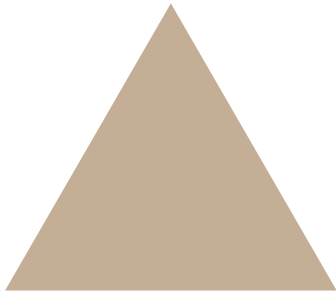
3167 (Foreshore) RAL 1015



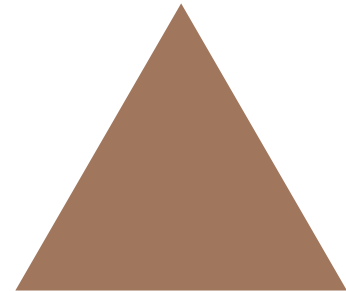
3240 (Grey) RAL 7044



3151 (Bej Gri) RAL 7030



3105 (Koyu Fildişi) RAL 1015



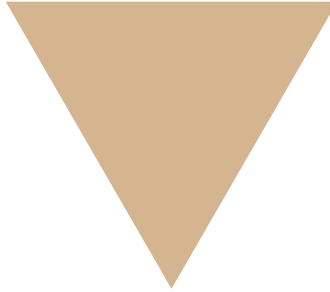
3251 (Bronze) RAL 8024



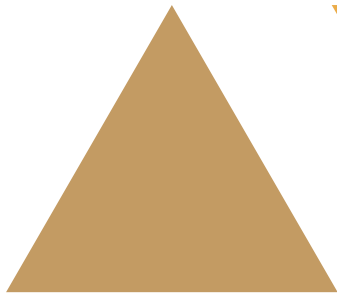
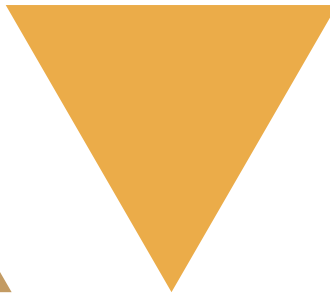


## PLAIN COLOR/DÜZ RENKLER

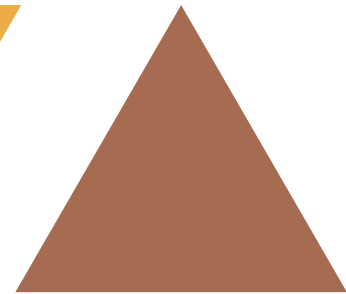
3148 (Capuchino) RAL 1019



3289 (Goldenrod) RAL 1006

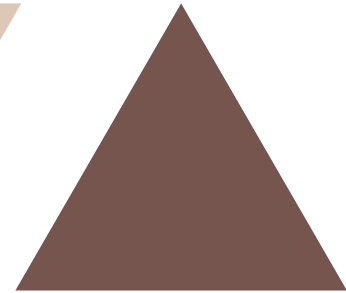
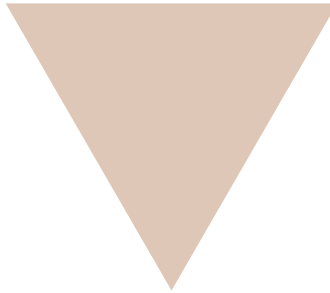


3253 (Sandy) RAL 1024



3252 (Tile) RAL 8023

3163 (Light Brown) RAL 8025



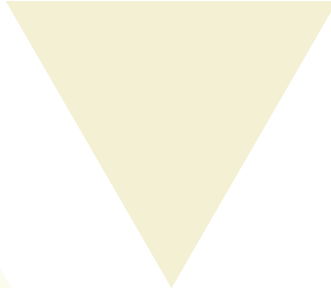
3278 (Copperplate) RAL 8002

3096 (Alpine White) RAL 9010

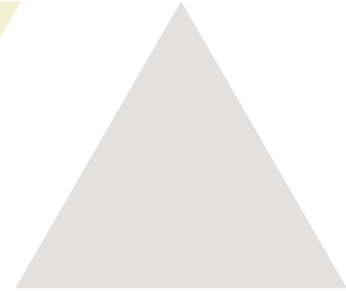


3097 (Polar White) RAL 9003

3106 (Bej) RAL 1015

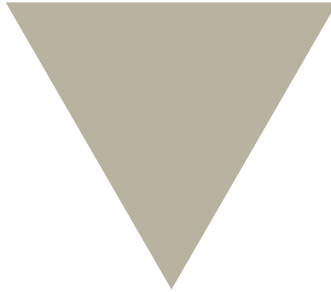


3195 (Euro Beyaz) RAL 9003



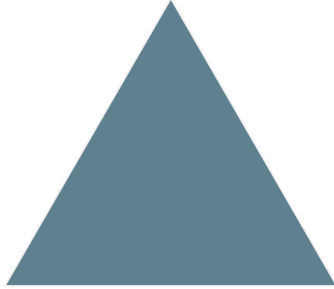
3150 (Açık Gri) RAL 7035

3104 (Fildişi) RAL 1013



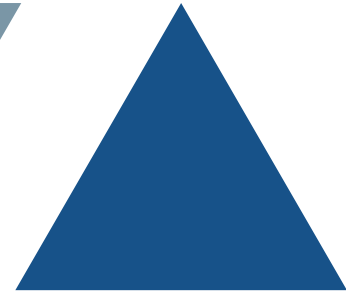
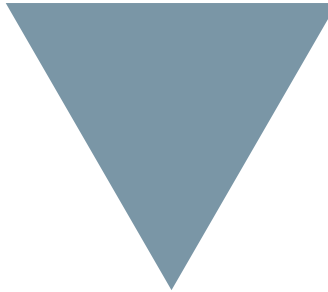


## PLAIN COLOR/DÜZ RENKLER



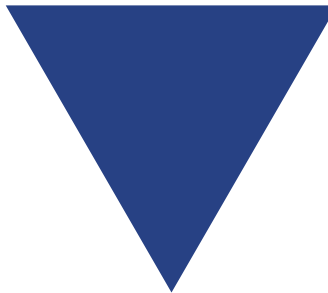
3282 (Costarica) RAL 5009

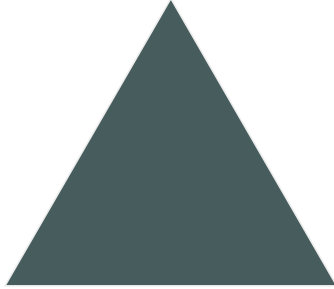
3281 (Muson) RAL 5024



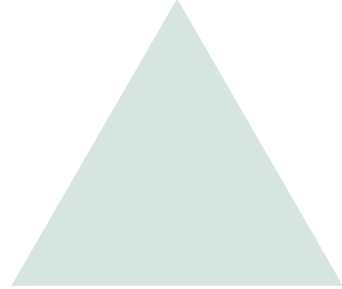
3262 (Deep Blue) RAL 5019

3131 (Lacivert) RAL 5002



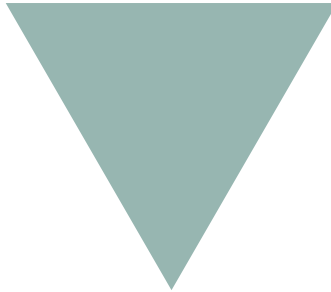


3292 (Dark Green) RAL 6004

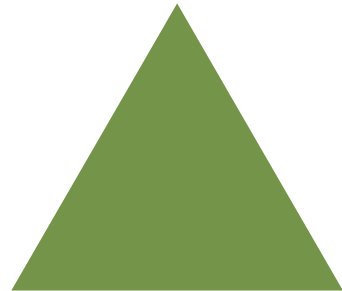
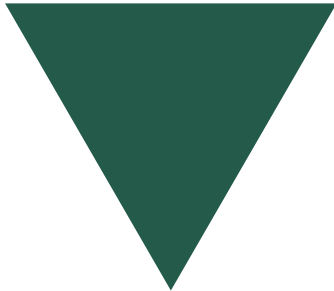


3286 (Mint) RAL 6019

3285 (Ice Field) RAL 6034



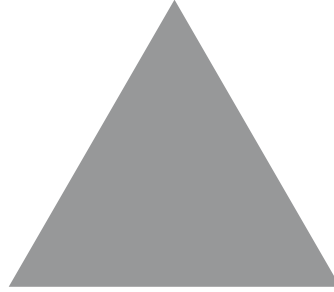
3140 (Yeşil) RAL 6028



3300 (Velvet Green) RAL 6017



## PLAIN COLOR/DÜZ RENKLER

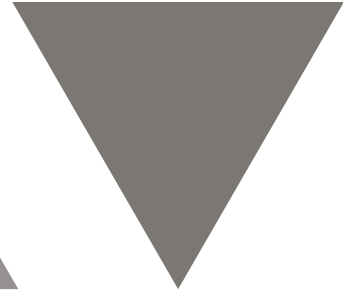


3297 (Stone Grey) RAL 7004

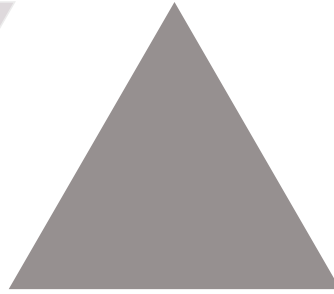
3153 (Ofis Gri) RAL 7035



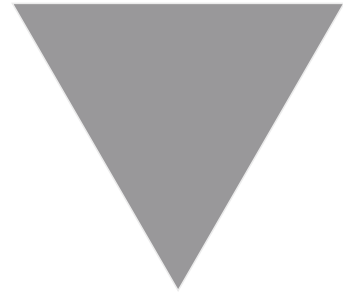
3242 (Midnight Ash) RAL 7022



3159 (Mochia) RAL 7006

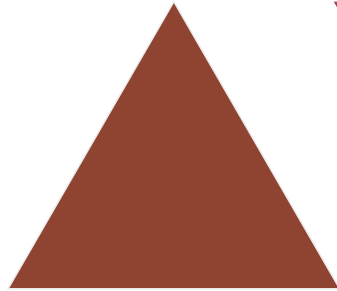
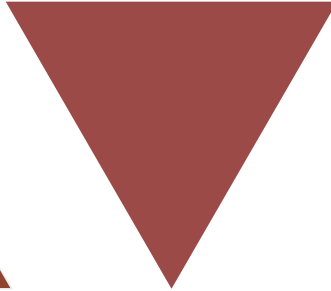


3260 (Mist) RAL 7004

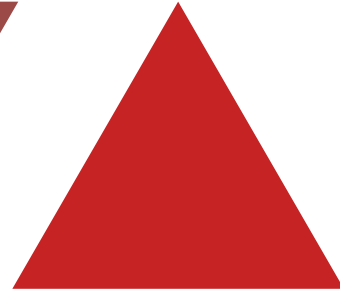




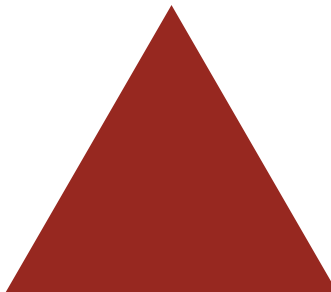
3274 (Ruby) RAL 3013



3245 (Terracotta) RAL 8004

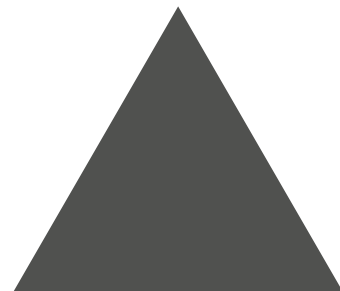
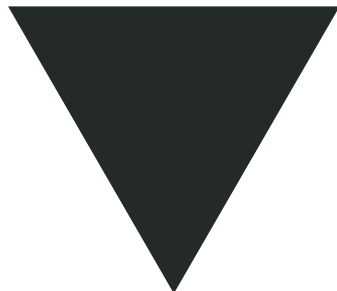


3158 (New Burgundy) RAL 3003



3116 (Burgundy) RAL 8002

3238 (Donker Groen) RAL 6020

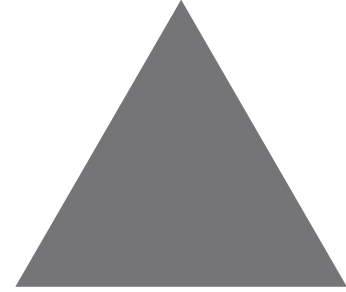
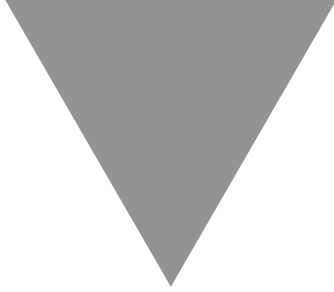


3155 (Antrasit Gri) RAL 7043



## PLAIN COLOR/DÜZ RENKLER

3156 (Koyu Gri) RAL 7036

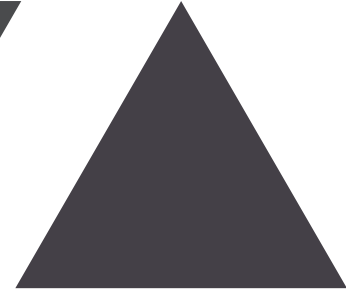
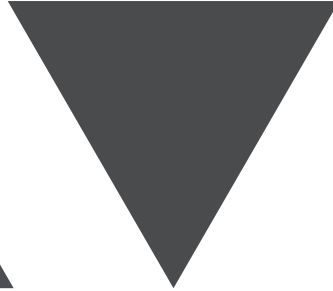


3299 (Fog) RAL 7039

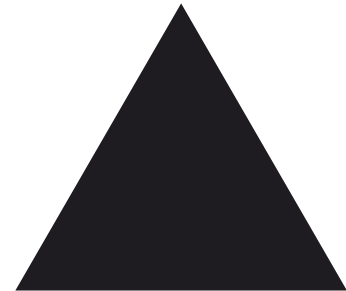
3168 (Blade Grey) RAL 7011



3291 (Carbon) RAL 5008



3239 (Dark Ash) RAL 7012



3190 (Siyah) RAL 9005









The Original High Pressure Laminates

## FULL SIZE/TAM BOY



4584 (Brown Swiss Elm)



4271 (Walnut Wasari)

WOOD/AHŞAP RENKLER

The Original High Pressure Laminates

G-Uv+ PANELS  
PANELLER



4584 (Brown Swiss Elm)



4271 (Walnut Wasarı)

The Original High Pressure Laminates

## FULL SIZE/TAM BOY



4273 (Walnut Daniela)



4399 (Amerikan Ceviz)

WOOD/AHŞAP RENKLER

The Original High Pressure Laminates

G-Uv+ PANELS  
PANELLER



4273 (Walnut Daniela)



4399 (Amerikan Ceviz)

The Original High Pressure Laminates

## FULL SIZE/TAM BOY



4484 (Orion Ceviz)



4597 (Urban Teak)



## WOOD/AHŞAP RENKLER

The Original High Pressure Laminates

**G-Uv+** PANELS  
PANELLER



4484 (Orion Ceviz)



4597 (Urban Teak)

The Original High Pressure Laminates

## FULL SIZE/TAM BOY



4274 (Novacento)



4395 (Real Teak)



The Original High Pressure Laminates

**G-Uv+** PANELS  
PANELLER

## WOOD/AHŞAP RENKLER



4274 (Novacento)



4395 (Real Teak)

The Original High Pressure Laminates

## FULL SIZE/TAM BOY



4598 (Real Oak)



4220 (Açık Meşe)

## WOOD/AHŞAP RENKLER

The Original High Pressure Laminates

**G-Uv+** PANELS  
PANELLER



4598 (Real Oak)



4220 (Açık Meşe)



The Original High Pressure Laminates

## FULL SIZE/TAM BOY



4570 (Colorado Oak)



4666 (Vinterio Meşe)

## WOOD/AHŞAP RENKLER

The Original High Pressure Laminates

**G-Uv+** PANELS  
PANELLER



4570 (Colorado Oak)



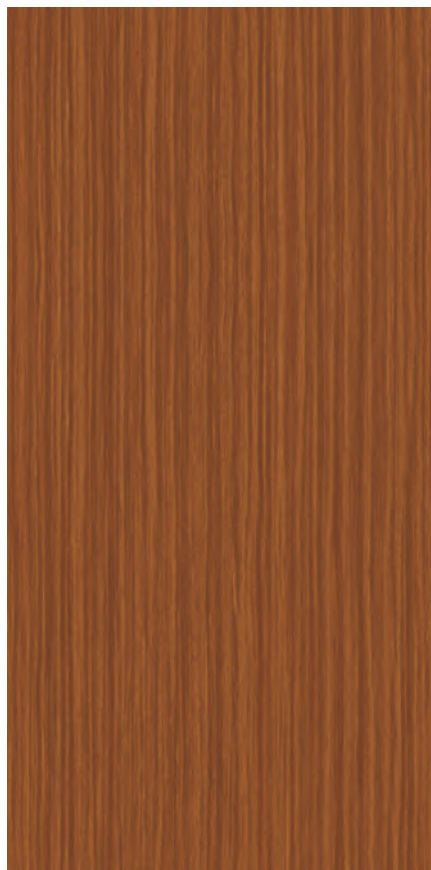
4666 (Vinterio Meşe)

The Original High Pressure Laminates

## FULL SIZE/TAM BOY



4572 (Wenge)

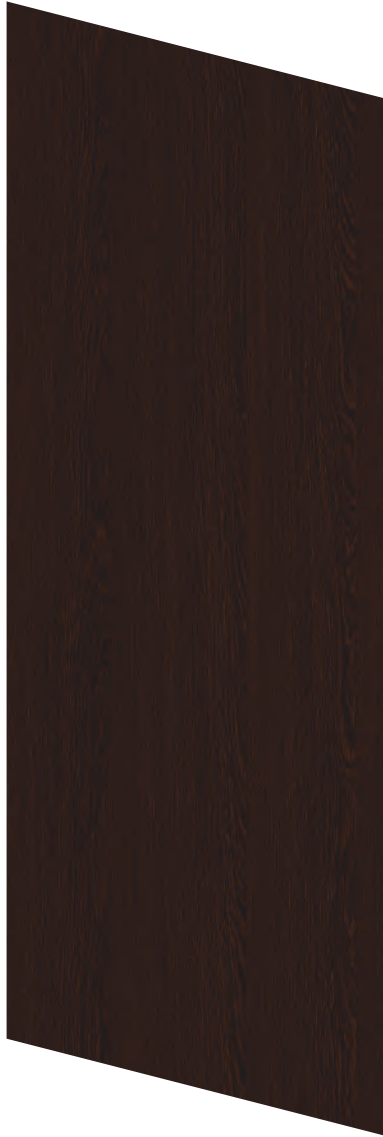


4394 (Rio Pelesenk)

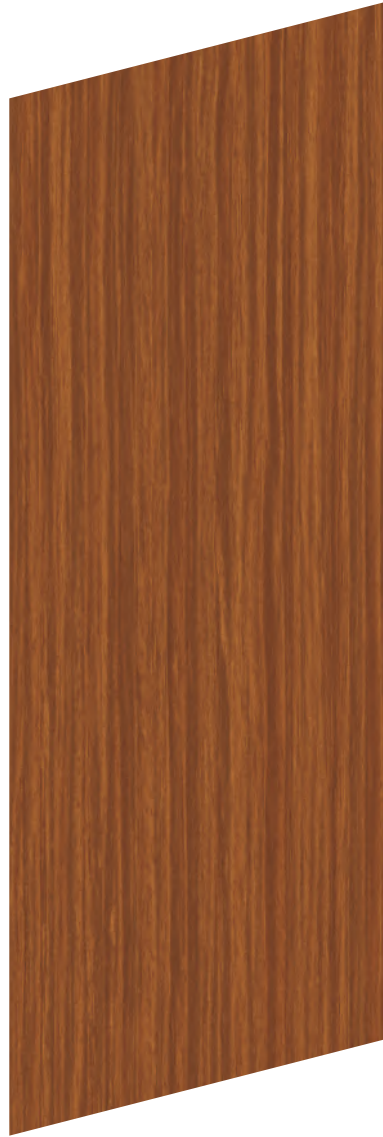
WOOD/AHŞAP RENKLER

The Original High Pressure Laminates

G-Uv+ PANELS  
PANELLER



4572 (Wenge)



4394 (Rio Pelesenk)

The Original High Pressure Laminates

## FULL SIZE/TAM BOY



4251 (Binbaum)



4252 (Akaju)





The Original High Pressure Laminates

**G-Uv+** PANELS  
PANELLER

## WOOD/AHŞAP RENKLER



4251 (Binbaum)



4252 (Akaju)

The Original High Pressure Laminates

## FULL SIZE/TAM BOY



4258 (Huş)



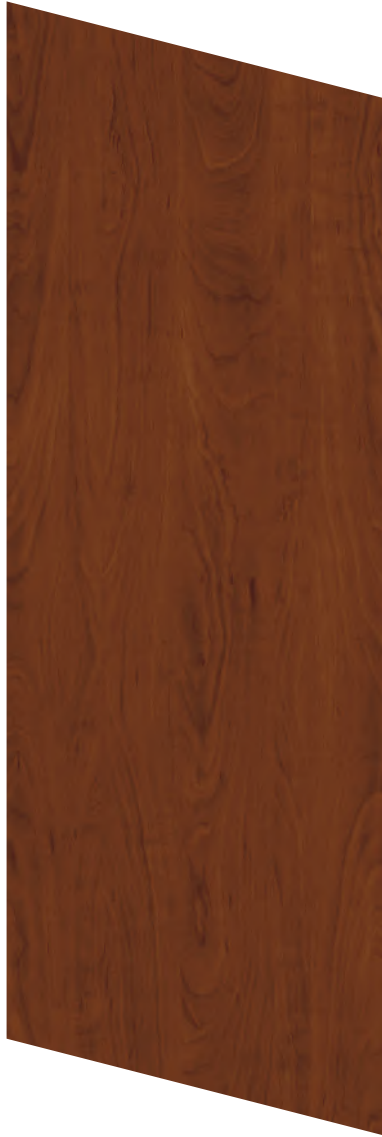
4509 (Rustik Light Oak)



The Original High Pressure Laminates

**G-Uv+** PANELS  
PANELLER

## WOOD/AHŞAP RENKLER



4258 (Huş)



4509 (Rustik Light Oak)

The Original High Pressure Laminates

## FULL SIZE/TAM BOY



4510 (Rustik Dark Oak)



4655 (Manhattan)



## WOOD/AHŞAP RENKLER

The Original High Pressure Laminates

**G-Uv+** PANELS  
PANELLER



4510 (Rustik Dark Oak)



4655 (Manhattan)







The Original High Pressure Laminates

## FULL SIZE/TAM BOY



5649 (Rayko)



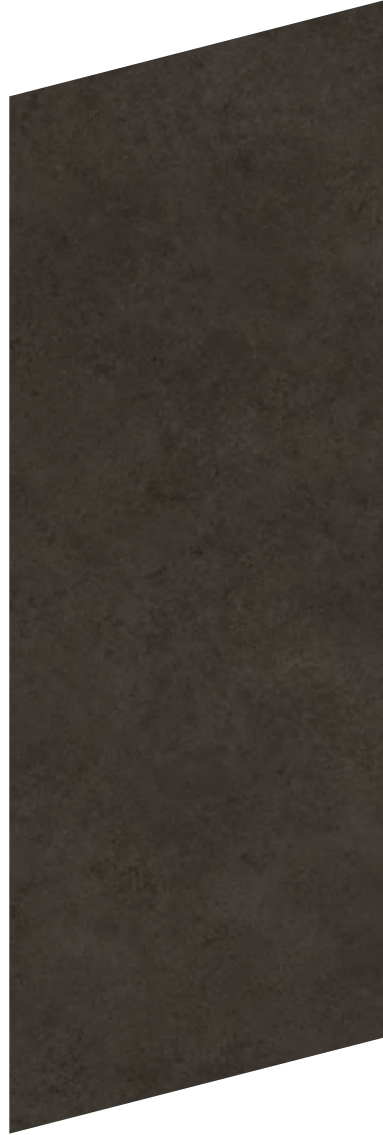
5646 (Canyon Black)



**NATURAL STONE & CONCRETE/  
DOĞAL TAŞ & BETON**



5649 (Rayko)



5646 (Canyon Black)

The Original High Pressure Laminates

## FULL SIZE/TAM BOY



5634 (Bazalt Krem)



5635 (Bazalt Kahve)

**NATURAL STONE & CONCRETE/  
DOĞAL TAŞ & BETON**



**5634** (Bazalt Krem)

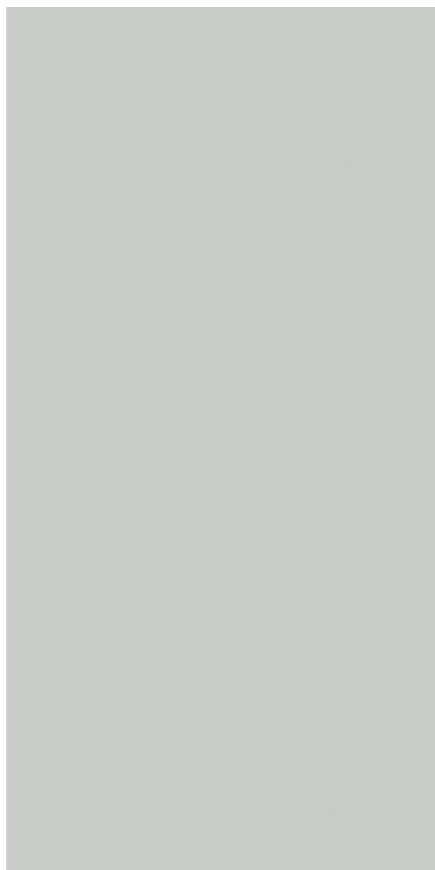


**5635** (Bazalt Kahve)

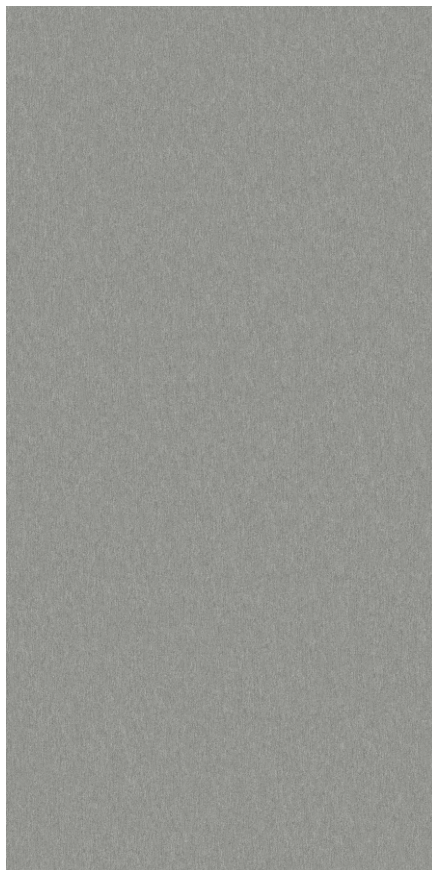


The Original High Pressure Laminates

# FULL SIZE/TAM BOY



5576 (New Metalik Gri)



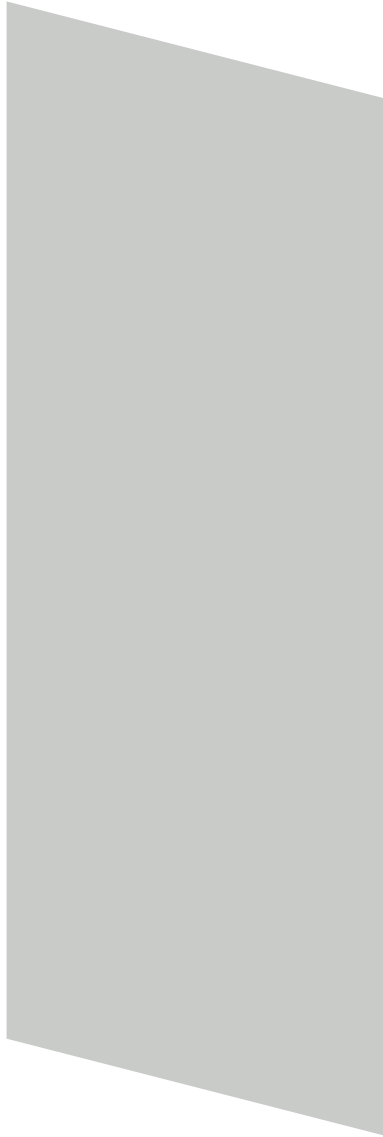
5544 (Alumini)



The Original High Pressure Laminates

**G-Uv+** PANELS  
PANELLER

**NATURAL STONE & CONCRETE/  
DOĞAL TAŞ & BETON**



5576 (New Metalik Gri)



5544 (Alumini)



The Original High Pressure Laminates

## FULL SIZE/TAM BOY



5672 (Metallo)



5677 (Ferro)



The Original High Pressure Laminates

**G-Uv+** PANELS  
PANELLER

**NATURAL STONE & CONCRETE/  
DOĞAL TAŞ & BETON**



5672 (Metallo)



5677 (Ferro)

The Original High Pressure Laminates

**FULL SIZE/TAM BOY**



5662 (Kahve Oxid)

**NATURAL STONE & CONCRETE/  
DOĞAL TAŞ & BETON**

The Original High Pressure Laminates

**G-Uv+** PANELS  
PANELLER



5662 (Kahve Oxid)

# NUMERICAL LISTING SAYFA NUMARASI

| CODE  | DECOR                    | PAGE     |
|-------|--------------------------|----------|
| 24241 | Wood                     | EBC 09   |
| 24248 | Wood                     | EBC 09   |
| 24279 | Wood                     | EBC 08   |
| 24290 | Wood                     | EBC 08   |
| 24292 | Wood                     | EBC 07   |
| 24389 | Wood                     | EBC 02   |
| 24390 | Wood                     | EBC 03   |
| 24391 | Wood                     | EBC 03   |
| 24392 | Wood                     | EBC 04   |
| 24530 | Wood                     | EBC 05   |
| 24531 | Wood                     | EBC 05   |
| 24532 | Wood                     | EBC 04   |
| 24533 | Wood                     | EBC 06   |
| 24534 | Wood                     | EBC 07   |
| 24535 | Wood                     | EBC 06   |
| 24657 | Wood                     | EBC 01   |
| 24658 | Wood                     | EBC 02   |
| 24659 | Wood                     | EBC 01   |
| 25629 | Natural Stone & Concrete | EBC 10   |
| 25630 | Natural Stone & Concrete | EBC 11   |
| 25678 | Natural Stone & Concrete | EBC 10   |
| 25683 | Natural Stone & Concrete | EBC 14   |
| 25685 | Natural Stone & Concrete | EBC 13   |
| 25686 | Natural Stone & Concrete | EBC 13   |
| 25687 | Natural Stone & Concrete | EBC 11   |
| 25689 | Natural Stone & Concrete | EBC 12   |
| 25690 | Natural Stone & Concrete | EBC 12   |
| 3096  | Plain Color RAL 9010     | G Uv+ 17 |
| 3097  | Plain Color RAL 9003     | G Uv+ 17 |
| 3103  | Plain Color RAL 9016     | G Uv+ 15 |
| 3104  | Plain Color RAL 1013     | G Uv+ 17 |
| 3105  | Plain Color RAL 1015     | G Uv+ 15 |
| 3106  | Plain Color RAL 1015     | G Uv+ 17 |
| 3116  | Plain Color RAL 8002     | G Uv+ 21 |
| 3131  | Plain Color RAL 5002     | G Uv+ 18 |
| 3140  | Plain Color RAL 6028     | G Uv+ 19 |
| 3148  | Plain Color RAL 1019     | G Uv+ 16 |
| 3150  | Plain Color RAL 7035     | G Uv+ 17 |
| 3151  | Plain Color RAL 7030     | G Uv+ 15 |
| 3153  | Plain Color RAL 7035     | G Uv+ 20 |
| 3155  | Plain Color RAL 7043     | G Uv+ 21 |
| 3156  | Plain Color RAL 7036     | G Uv+ 22 |
| 3158  | Plain Color RAL 3003     | G Uv+ 21 |
| 3159  | Plain Color RAL 7006     | G Uv+ 20 |
| 3168  | Plain Color RAL 7011     | G Uv+ 22 |
| 3190  | Plain Color RAL 9005     | G Uv+ 22 |
| 3195  | Plain Color RAL 9003     | G Uv+ 17 |
| 3238  | Plain Color RAL 6020     | G Uv+ 21 |
| 3239  | Plain Color RAL 7012     | G Uv+ 22 |
| 3240  | Plain Color RAL 7044     | G Uv+ 15 |

| CODE | DECOR                    | PAGE     |
|------|--------------------------|----------|
| 3242 | Plain Color RAL 7022     | G Uv+ 20 |
| 3245 | Plain Color RAL 8004     | G Uv+ 21 |
| 3252 | Plain Color RAL 8023     | G Uv+ 16 |
| 3253 | Plain Color RAL 1024     | G Uv+ 16 |
| 3260 | Plain Color RAL 7004     | G Uv+ 20 |
| 3262 | Plain Color RAL 5019     | G Uv+ 18 |
| 3274 | Plain Color RAL 3013     | G Uv+ 21 |
| 3281 | Plain Color RAL 5024     | G Uv+ 18 |
| 3282 | Plain Color RAL 5009     | G Uv+ 18 |
| 3285 | Plain Color RAL 6034     | G Uv+ 19 |
| 3286 | Plain Color RAL 6019     | G Uv+ 19 |
| 3291 | Plain Color RAL 5008     | G Uv+ 22 |
| 3292 | Plain Color RAL 6004     | G Uv+ 19 |
| 3297 | Plain Color RAL 7004     | G Uv+ 20 |
| 3299 | Plain Color RAL 7039     | G Uv+ 22 |
| 3163 | Plain Color RAL 8025     | G Uv+ 16 |
| 3167 | Plain Color RAL 1015     | G Uv+ 15 |
| 3251 | Plain Color RAL 8024     | G Uv+ 15 |
| 3278 | Plain Color RAL 8002     | G Uv+ 16 |
| 3289 | Plain Color RAL 1006     | G Uv+ 16 |
| 3300 | Plain Color RAL 6017     | G Uv+ 19 |
| 4220 | Wood                     | G Uv+ 27 |
| 4251 | Wood                     | G Uv+ 30 |
| 4252 | Wood                     | G Uv+ 30 |
| 4258 | Wood                     | G Uv+ 31 |
| 4271 | Wood                     | G Uv+ 23 |
| 4273 | Wood                     | G Uv+ 24 |
| 4274 | Wood                     | G Uv+ 26 |
| 4394 | Wood                     | G Uv+ 29 |
| 4395 | Wood                     | G Uv+ 26 |
| 4399 | Wood                     | G Uv+ 24 |
| 4570 | Wood                     | G Uv+ 28 |
| 4572 | Wood                     | G Uv+ 29 |
| 4584 | Wood                     | G Uv+ 23 |
| 4597 | Wood                     | G Uv+ 25 |
| 4598 | Wood                     | G Uv+ 27 |
| 4666 | Wood                     | G Uv+ 28 |
| 4484 | Wood                     | G Uv+ 25 |
| 4509 | Wood                     | G Uv+ 31 |
| 4510 | Wood                     | G Uv+ 32 |
| 4655 | Wood                     | G Uv+ 32 |
| 5544 | Natural Stone & Concrete | G Uv+ 35 |
| 5576 | Natural Stone & Concrete | G Uv+ 35 |
| 5634 | Natural Stone & Concrete | G Uv+ 34 |
| 5635 | Natural Stone & Concrete | G Uv+ 35 |
| 5646 | Natural Stone & Concrete | G Uv+ 33 |
| 5649 | Natural Stone & Concrete | G Uv+ 33 |
| 5672 | Natural Stone & Concrete | G Uv+ 36 |
| 5677 | Natural Stone & Concrete | G Uv+ 36 |
| 5662 | Natural Stone & Concrete | G Uv+ 37 |



# SURFACE DIMENSION CHART

## EBAT YÜZEY TABLOSU

| 1300X2800mm / 1300X3050mm |       |        |               |
|---------------------------|-------|--------|---------------|
|                           | EXT   | ALPINE | GRANITE STONE |
| EBC                       | 24241 | X      |               |
|                           | 24248 | X      |               |
|                           | 24279 | X      |               |
|                           | 24290 | X      |               |
|                           | 24292 | X      |               |
|                           | 24389 | X      |               |
|                           | 24390 | X      |               |
|                           | 24391 | X      |               |
|                           | 24392 | X      |               |
|                           | 24530 | X      |               |

| 1300X2800mm / 1300X3050mm |       |        |               |
|---------------------------|-------|--------|---------------|
|                           | EXT   | ALPINE | GRANITE STONE |
| EBC                       | 24531 | X      |               |
|                           | 24532 | X      |               |
|                           | 24533 | X      |               |
|                           | 24534 | X      |               |
|                           | 24535 | X      |               |
|                           | 25629 |        | X             |
|                           | 25630 |        | X             |
|                           | 24657 | X      |               |
|                           | 24658 | X      |               |
|                           | 24659 | X      |               |

| 1300X2800mm / 1300X3050mm |       |        |               |
|---------------------------|-------|--------|---------------|
|                           | EXT   | ALPINE | GRANITE STONE |
| EBC                       | 25678 |        | X             |
|                           | 25683 |        | X             |
|                           | 25685 | X      |               |
|                           | 25686 | X      |               |
|                           | 25687 | X      |               |
|                           | 25689 |        | X             |
|                           | 25690 |        | X             |

| 1300X2800mm /1300X3050mm /1400x4200mm |            |   |
|---------------------------------------|------------|---|
|                                       | VELUR-ESSE |   |
| G-Uv+                                 | 3096       | X |
|                                       | 3097       | X |
|                                       | 3103       | X |
|                                       | 3104       | X |
|                                       | 3105       | X |
|                                       | 3106       | X |
|                                       | 3116       | X |
|                                       | 3131       | X |
|                                       | 3140       | X |
|                                       | 3148       | X |
|                                       | 3150       | X |
|                                       | 3151       | X |
|                                       | 3153       | X |
|                                       | 3155       | X |
|                                       | 3156       | X |
|                                       | 3158       | X |
|                                       | 3159       | X |
|                                       | 3163       | X |
|                                       | 3167       | X |
|                                       | 3168       | X |
|                                       | 3190       | X |
|                                       | 3195       | X |
|                                       | 3238       | X |
|                                       | 3239       | X |
|                                       | 3240       | X |

| 1300X2800mm /1300X3050mm /1400x4200mm |            |   |
|---------------------------------------|------------|---|
|                                       | VELUR-ESSE |   |
| G-Uv+                                 | 3242       | X |
|                                       | 3245       | X |
|                                       | 3251       | X |
|                                       | 3252       | X |
|                                       | 3253       | X |
|                                       | 3260       | X |
|                                       | 3262       | X |
|                                       | 3274       | X |
|                                       | 3278       | X |
|                                       | 3281       | X |
|                                       | 3282       | X |
|                                       | 3285       | X |
|                                       | 3286       | X |
|                                       | 3289       | X |
|                                       | 3291       | X |
|                                       | 3292       | X |
|                                       | 3297       | X |
|                                       | 3299       | X |
|                                       | 3300       | X |
|                                       | 4220       | X |
|                                       | 4251       | X |
|                                       | 4252       | X |
|                                       | 4258       | X |
|                                       | 4271       | X |
|                                       | 4273       | X |

| 1300X2800mm /1300X3050mm /1400x4200mm |            |   |
|---------------------------------------|------------|---|
|                                       | VELUR-ESSE |   |
| G-Uv+                                 | 4274       | X |
|                                       | 4394       | X |
|                                       | 4395       | X |
|                                       | 4399       | X |
|                                       | 4484       | X |
|                                       | 4509       | X |
|                                       | 4510       | X |
|                                       | 4655       | X |
|                                       | 4570       | X |
|                                       | 4572       | X |
|                                       | 4584       | X |
|                                       | 4597       | X |
|                                       | 4598       | X |
|                                       | 4666       | X |
|                                       | 5544       | X |
|                                       | 5576       | X |
|                                       | 5634       | X |
|                                       | 5635       | X |
|                                       | 5646       | X |
|                                       | 5649       | X |
|                                       | 5672       | X |
|                                       | 5677       | X |
|                                       | 5662       | X |

**EBC:** Electron Beam Curing Surface Technology  
**G-Uv+:** Special UV Film Surface Technology

| EN Sınıflandırma | EDS, EDF   |
|------------------|--|
| Kalınlık         | 4 mm - 20 mm   |
| EN 438<br>6/7    | 1300x2300 mm / 1300x3050 mm<br>Farklı ebat talepleriniz için müşteri temsilcisi ile iletişime geçiniz. |
| Boyutlar         |  |

G-Ext® panellerin yüzeyinde, dünyada sayılı üreticiler tarafından kullanılan elektron bombardıman kuru (EBK) teknolojisini kullanılmaktadır.

| Ozellikler   | Test Metodu   | Ölçülen Değer  | Gereken Değer  |
|--|---|--|--|
| <b>Kalınlık</b>  | EN 438-2 Bölüm 5  | Gerekli Kalınlığa Göre   |  |
|  | 4 mm Normal<br>6 mm Normal<br>8 mm Normal<br>10 mm Normal<br>13 mm Normal<br>16 mm Normal<br>22 mm Normal | 4.1 mm<br>6.2 mm<br>8.1 mm<br>10.2 mm<br>13.4 mm<br>16.3 mm<br>22.3 mm | 3.0 ± 1.5 mm ± 0.3 mm<br>5.0 ± 1.0 mm ± 0.4 mm<br>8.0 ± 1.2 mm ± 0.5 mm<br>8.0 ± 1.2 mm ± 0.5 mm<br>12.0 ± 1.6 mm ± 0.6 mm<br>16.0 ± 1.2 mm ± 0.7 mm<br>20.0 ± 1.5 mm ± 0.8 mm<br>25.0 ± 1. Anlaşım,<br>Müşteri/Üreticiye göre |
| <b>Yüzey Kalitesi</b>  | EN 438-2 Bölüm 4  | Kir, Benek ve Benzer Yüzey Kusurları<br>Lif, Tüy ve Çizikler           | ≤ 2 mm <sup>2</sup> /m <sup>2</sup><br>≤ 20 mm <sup>2</sup> /m <sup>2</sup><br>≤ 20 mm <sup>2</sup> /m <sup>2</sup>  |
| <b>Yoğunluk</b>  | ISO 1183 - 1  | 1.43   | Min. 1.35 gr/cm <sup>3</sup>   |
| <b>Aşınma Dayanımı</b>   | EN 438-2 Bölüm 10<br>EDS/EDF  | IP = 235 Rev.<br>Aşınma Değeri = 400 Rev.                              | İlk Nokta ≤ 150 Rev.<br>Aşınma Değeri ≤ 350 Rev.   |
| <b>Özline Dayanımı</b>   | EN 438-2 Bölüm 25<br>EDS/EDF  | > 6 N  | Dokulu Yüzey Min. 3 N  |
| <b>Darbe Dayanımı</b>  | EN 438-2<br>Büyük Biye Bölüm 21<br>EDS/EDF  | 1 x 6.0 mm   | Çatlama Yok, 3.5 mm<br>1800 mm Yükseklik, Çatlama Yok,<br>10 mm Maks.  |
| <b>80°C'de 20 Saat Yüzey Çatlama</b>                             | EN 438-2 Bölüm 24<br>CGS/CGF  | Seviye 4   | Min. Seviye 4  |
| <b>180°C'de Kuru İsoya Dayanım</b>                               | EN 438-2 Bölüm 16<br>CGS  | Dokulu Yüzey Bırme Seviye 5  | Min. Seviye 4  |
| <b>Su Buharına Dayanım</b>                                       | EN 438-2 Bölüm 14<br>EDS/EDF  | Dokulu Yüzey Bırme Seviye 5  | Min. Seviye 4  |
| <b>Yüksek Sıcaklıkta Buzal Karalılık (70°C, %90 Bağımlı nem)</b> | EN 438-2 Bölüm 17<br>EDS/EDF  | En = 0.18%<br>Boy = 0.35%  | En, Maks. 10/3<br>Boy, Maks. 10/6  |
| <b>İklim Şokuna Dayanım</b>                                      | EN 438-2 Bölüm 19<br>EDS/EDF  | Görünüş<br>Eğilme Mukavemeti İndeks Ds<br>Eğilme Çarpımı İndeks Dm     | Seviye 5<br>0.98<br>0.97<br>Min. Seviye 4<br>Min. 0.95<br>Min. 0.95  |
| <b>İklim Değişikliklerine Dayanım</b>                            | Gentax Kurum İç Test <sup>®</sup><br>Görünüş  | Seviye 5   | Min. Seviye 4  |
| <b>Eğilme Mukavemeti</b>   | EN ISO 178<br>EDS/EDF   | 110.7 Mpa  | Min. 80 Mpa  |
| <b>Eğilme Modülü</b>   | EN ISO 178<br>EDS/EDF   | 9834 Mpa   | Min. 9000 Mpa  |
| <b>Çekme Mukavemeti</b>  | EN ISO 527 - 2<br>EDS/EDF   | 85 Mpa   | Min. 60 Mpa  |
| <b>Doğrusal Isıl Genleşme Katsayısı (COTE)</b>                   | ASTM D696-08 <sup>(1)</sup>   | 5.0 x 10 <sup>-6</sup><br>mm/mm/°C                                     | —  |
| <b>Isıl İletkenlik</b>   | ASTM C 518  | 0.416 W/mK   | —  |
| <b>Toplam Volatül Organik Bileşik Emisyon</b>                    | ASTM D6116  | < 0.010 mg/m <sup>3</sup> /hr  | < 0.5 mg/m <sup>3</sup> /hr  |
| <b>Yangın Sınıflandırması<sup>(2)</sup></b>                      | EN 13501-1<br>4.0 s1 + 5.9 mm<br>6.0 s1 + 10.0 mm   | B S2 d0<br>B S1 d0<br>EBA - 14 - 095<br>22.10.2014                     | —<br>—<br>—<br>—   |
|  | ASTM E 84 - 10<br>06 mm - 10 mm<br>BS 476 Part 7 : 1997<br>DIN 5510-2:2009-05                             | Sınıf A<br>Sınıf 1<br>S4 ; SR2 ; ST2<br>S2 ; SR2 ; ST2                 | —<br>—<br>—<br>—   |
| <b>Renk Farkı<sup>(3)</sup></b>                                  | ISO 7724  | Ürün Renkleri: ΔE ≤ 1.0  | —  |
|  | Gentax Kurum İç Standardı <sup>(4)</sup>  | Baskı Tasarımlar Görsel Fark Yok                                       | —  |
| <b>SO<sub>2</sub> ye Dayanım<sup>(5)</sup></b>                   | DIN 50018<br>50 Döngü   | 4 - 5<br>Gri Ölçek   | —<br>—   |

#### Açıklamalar:

- EN ISO 4892-1 ve 4892-2 test yöntemine dayalı.
- EN ISO 4892-3 test yöntemine dayalı.
- COTE testi +30°C'ye -30°C arasında uygulanmaktadır.
- Gri Ölçek değerlendirilmesi EN 20105-A02'ye göre.
- Gentax İçeriklerine dayanım için Gentax kurum içi test prosedürü yalnızca talep üzerine verilebilir.
- "Asit Yağmurunu" nemli sıvı değişken ortam, 50 Döngü (Talep Üzerine Test Raporu verilebilir).
- Müşteri Talebi Üzerine.
- Renk Farkı, parti büyüklüğüne göre Gentax ile müşteri arasında mutabık kalındığı şekilde ana numuneden renk sapmasına işaret etmektedir (proje parti büyüklüğüne bakınız).
- Basılı tasarımlarda renk farkını değerlendirilmesini için Gentax kurum içi test yöntemi (Wood Grain/Soyut).

| EN Classification | EDS, EDF  |
|-------------------|---|
| Thickness Range   | 4 mm - 20 mm  |
| EN 438<br>6/7     | 1300x2300 mm / 1300x3050 mm<br>Please contact the customer representative for your different size requests. |
| Dimensions        |   |

Surface of G-Ext® panels is enhanced by using electron beam curing (EBK) technology which is used by limited number of companies around the world.

| Characteristics   | Test Method   | Tested Value   | Required Value  |
|---|---|--|---|
| <b>Thickness</b>  | EN 438-2 Section 5  | According to Required Thickness  |   |
|   | 4 mm Normal<br>6 mm Normal<br>8 mm Normal<br>10 mm Normal<br>13 mm Normal<br>16 mm Normal<br>22 mm Normal | 4.1 mm<br>6.2 mm<br>8.1 mm<br>10.2 mm<br>13.4 mm<br>16.3 mm<br>22.3 mm       | 3.0 ± 1.5 mm ± 0.3 mm<br>5.0 ± 1.0 mm ± 0.4 mm<br>8.0 ± 1.2 mm ± 0.5 mm<br>8.0 ± 1.2 mm ± 0.5 mm<br>12.0 ± 1.6 mm ± 0.6 mm<br>16.0 ± 1.2 mm ± 0.7 mm<br>20.0 ± 1.5 mm ± 0.8 mm<br>25.0 ± 1. - contract,<br>Customer / By manufacturer |
| <b>Surface Quality</b>  | EN 438-2 Section 4  | Dirty, Punctures and Similar Surface Defects<br>Fiber, Feather and Scratches | ≤ 2 mm <sup>2</sup> /m <sup>2</sup><br>≤ 20 mm <sup>2</sup> /m <sup>2</sup><br>≤ 20 mm <sup>2</sup> /m <sup>2</sup>   |
| <b>Density</b>  | ISO 1183 - 1  | 1.43   | Min. 1.35 gr/cm <sup>3</sup>  |
| <b>Wear Resistance</b>  | EN 438-2 Section 10<br>EDS/EDF  | IP = 235 Rev.<br>Wear Value = 400 Rev.                                       | İlk Nokta ≤ 150 Rev.<br>Wear Value ≤ 350 Rev.   |
| <b>Scratch Resistance</b>   | EN 438-2 Section 25<br>EDS/EDF  | > 6 N  | Textured Surface Min. 3 N   |
| <b>Impact Resistance</b>  | EN 438-2<br>Big Ball Section 21<br>EDS/EDF  | 1 x 6.0 mm   | 1800 mm Height, No Crack,<br>10 mm Maks.  |
| <b>Surface Crack 80°C 20 Hours</b>                                  | EN 438-2 Section 24<br>CGS/CGF  | Level 4  | Min. Level 4  |
| <b>Resistance to Dry Heat at 180°C</b>                              | EN 438-2 Section 16<br>CGS  | Textured Surface Finish Level 5  | Min. Level 4  |
| <b>Resistance to Water Vapor</b>                                    | EN 438-2 Section 14<br>EDS/EDF  | Textured Surface Finish Level 5  | Min. Level 4  |
| <b>Dimensional Stability at Elevated Temperature (70°C, 90% RH)</b> | EN 438-2 Section 17<br>EDS/EDF  | 1 x 5.0 mm   | L = 0.18%<br>W = 0.35%<br>L, Maks. 10/3<br>W, Maks. 10/6  |
| <b>Resistance to Climatic Shock</b>                                 | EN 438-2 Section 19<br>EDS/EDF  | Appearance<br>Flexural Strength Index Ds<br>Flexural Modulus Index Dm        | Level 5<br>0.98<br>0.97<br>Min. Level 4<br>Min. 0.95<br>Min. 0.95   |
| <b>Resistance To Climatic Changes</b>                               | Gentax Internal Test <sup>®</sup><br>Appearance   | Level 5  | Min. Level 4  |
| <b>Flexural Strength</b>  | EN ISO 178<br>EDS/EDF   | 110.7 Mpa  | Min. 80 Mpa   |
| <b>Flexural Modulus</b>   | EN ISO 178<br>EDS/EDF   | 9834 Mpa   | Min. 9000 Mpa   |
| <b>Tensile Strength</b>   | EN ISO 527 - 2<br>EDS/EDF   | 85 Mpa   | Min. 60 Mpa   |
| <b>Coefficient of Linear Thermal Expansion (COTE)</b>               | ASTM D696-08 <sup>(1)</sup>   | 5.0 x 10 <sup>-6</sup><br>mm/mm/°C   | —   |
| <b>Thermal Conductivity</b>   | ASTM C 518  | 0.416 W/mK   | —   |
| <b>Total Volatile Organic Compound Emission</b>                     | ASTM D6116  | < 0.010 mg/m <sup>3</sup> /hr  | < 0.5 mg/m <sup>3</sup> /hr   |
| <b>Fire Classification<sup>(2)</sup></b>                            | EN 13501-1<br>4.0 s1 + 5.9 mm<br>6.0 s1 + 10.0 mm   | B S2 d0<br>B S1 d0<br>EBA - 14 - 095<br>22.10.2014                           | —<br>—<br>—<br>—  |
|   | ASTM E 84 - 10<br>06 mm - 10 mm<br>BS 476 Part 7 : 1997<br>DIN 5510-2:2009-05                             | Sınıf A<br>Sınıf 1<br>S4 ; SR2 ; ST2<br>S2 ; SR2 ; ST2                       | —<br>—<br>—<br>—  |
| <b>Color Difference<sup>(3)</sup></b>                               | ISO 7724  | Ürün Renkleri: ΔE ≤ 1.0  | —   |
|   | Gentax Internal Standard <sup>(4)</sup>   | Printed Designs: No Visual Difference  | —   |
| <b>Resistance to SO<sub>2</sub><sup>(5)</sup></b>                   | DIN 50018<br>50 Cycles  | 4 - 5<br>Grey Scale  | —<br>—  |

#### Instructions:

- Based on test method EN ISO 4892-1 and 4892-2.
- Based on test method EN ISO 4892-3.
- COTE test is conducted between +30°C to -30°C.
- Grey Scale assessment according to EN 20105-A02.
- Gentax Internal test procedure for resistance to climatic changes is available upon Request only.
- Acid Rain "damp heat alternating atmosphere, 50 Cycles (Test Report Upon Request).
- Upon Customer request.
- The Color Difference refers to the color deviation from the master sample as agreed between Gentax and the customer per batch size (Refer to project batch size).
- Gentax internal test method for evaluation of color difference in printed designs (Wood Grain / Abstract).



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HPL are hygienic and stainless, and besides are resistant to impacts, scratches, chemicals, heat and any climate conditions.