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# Salomil History

One of the few companies that took the challenge to produce the HPL laminate in the middle east , Salomil company was the first producer to introduce the laminate in the Egyptian marketan in 1982 .

The company owned and managed by a group of foreign and Egyptian investors , Salomil company was the only producer of laminates that has maintained the upfront position on as a leader in the market .

Salomil  
Wood  
Orient  
Co.

# Our key of success

Since the beginning , We believed in each and every member of Salomil's family which led us to improve day after day and gain the respect of each and every valuable customer we had the honor to serve.

Improving our quality standards and enlarging our products range were the main keys to enter and secure our presents in the arabian , African and European markets.

a combination of experience and new generation on ideas of our old and new stuff led us to rise our collaboration on with our customers to a level of partnership.

Believing in communicating and ensuring a network with the market represented by our distributers , helped us to expand the range of our products and innovate new ways application of on our laminates.

D  
W  
O  
C  
H

# Our target

To keep on improving and benefit from our valuable experience to protect the trust of our customers and to secure our leading position among all challenges

→  
W  
O  
R  
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H



S 30102 SD



S 703 SD



S 707 SD



S 30116 SD



S 30117 SD



S 6110 J



S 8837 J



S 708 SD



S 30123 SD



S 30110 SD



S 30114 SD



S 30115 SD



S 68066 J



S 30108 SD



S 30124 SD



S 30125 SD



S 30112 SD



S 30126 SD



S 701 SD



S 30121 SD



S 709 SD



S 30120 SD



S 30109 SD



S 6111 J



S 30103 SD



S 30107 SD



S 30105 SD



S 713 SD



S 30127 SD



S 30118 SD



S 30128 SD



S 702 SD



S 30129 SD



S 711 SD



S 5942 J



S 24301 J



S 2847 J



S 6104 J



S 6133 J



S 6109 J



S 30119 SD



S 705 SD



S 700 SD



S 30130 SD



S 6130 J



S 6114 J



S 6113 J



S 6123 J



S 6122 J



S 30101 SD



S 710 SD



S 9721 J



S 30131 SD



S 2721 J



S 9720 J



S 6865 J



S 30104 SD



S 6871 J



S 9725 J



S 30106 SD



S 9726 J



S 30100 SD



S 4239 J



S 30122 SD



S 30113 SD



S 704 SD



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S 4251 J



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S 4250 J



S 4255 J



S 706 SD



S 5448 J



S 5448 G



S 5449 J



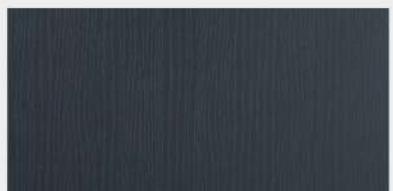
S 5449 G



S 5450 J



S 5450 G



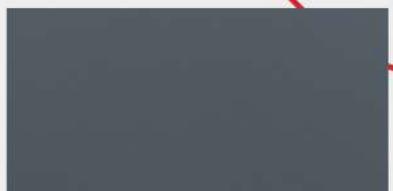
A ( ASH )



AW ( AMERICAN WOOD )



EC ( ENGINEERING CUT )



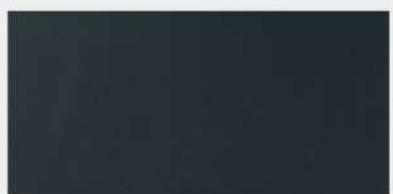
G ( GLOSSY )



J ( SOFT SUEDE )



L ( LEATHER )



M ( MATT )



RW ( REAL WOOD )



RW1 ( REAL WOOD )



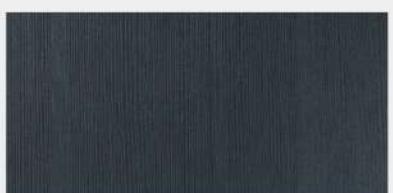
SD ( SUEDE )



T ( TEXTILE )



W ( WENGE )



X ( MATRIX )



X1 ( MATRIX )



TS ( TEXTILE SQUARE )



C ( CHARLES OWK )



E ( SQUARE )



F ( FLOWER )



S ( STAR )



S 0030 SD



S 0028 SD



S 2207 SD



S 2022 SD



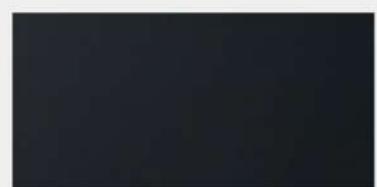
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S 2029 SD



S 2012 SD



S 1123 SD



S 2071 SD



S 1103 SD



S 1104 SD



S 3005 SD



S 2683 SD



S 2055 SD



S 2056 SD



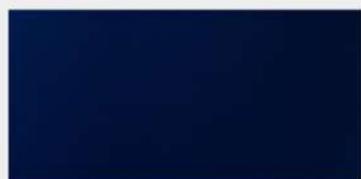
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S 6011 SD



S1-8507 SD



S 8507 SD



S 8536 SD



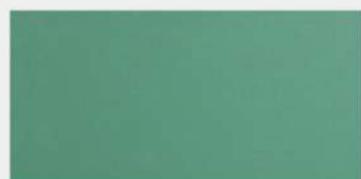
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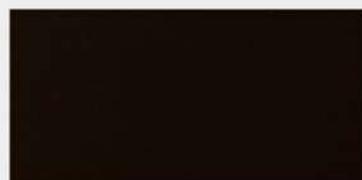
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S 8508 SD



S 2007 SD



S 8513 SD



S 30100 X



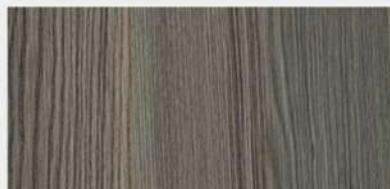
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S 30103 X



S 30105 X



S 30107 X



S 30109 X



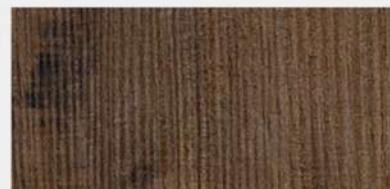
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S 30111 X



S 30112 X



S 30113 X



S 30114 X



S 30115 X



S 30116 X



S 30117 X



S 30118 X



S 30119 X



S 30120 X



S 30121 X



S 30122 X



S 30123 X



S 30124 X



S 30125 X



S 30126 X



S 30127 X



S 30128 X



S 30129 X



S 30130 X



S 30131 X



S 700 X



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S 702 X



S 703 X



S 704 X



S 705 X



S 707 X



S 708 X



S 709 X



S 710 X



S 711 X



S 712 X



S 713 X

| TEXTURE   |                 | Dimension    |              |              |              |              |
|-----------|-----------------|--------------|--------------|--------------|--------------|--------------|
| Reference | Description     | 1220×2440 mm | 1220×2800 mm | 1220×3050 mm | 1300×2800 mm | 1300×3050 mm |
| M         | Matt            | ●            | ●            | ●            | ●            | ●            |
| G         | Glossy          | ●            | ●            | ●            | ●            | ●            |
| SD        | Suede           | ●            |              |              |              |              |
| J         | Soft Suede      | ●            |              | ●            |              | ●            |
| X         | Matrix          | ●            |              | ●            |              | ●            |
| X1        | Matrix          | ●            |              | ●            |              | ●            |
| EC        | Engineering Cut | ●            |              |              |              |              |
| T         | Textile         | ●            |              | ●            |              | ●            |
| TS        | Textile square  | ●            |              |              |              |              |
| L         | Leather         | ●            |              |              |              |              |
| S         | Star            | ●            |              | ●            |              | ●            |
| C         | Charles Oak     |              | ●            |              | ●            |              |
| RW        | Real wood       | ●            |              | ●            |              | ●            |
| RW1       | Real wood       | ●            |              | ●            |              | ●            |
| AW        | American Wood   | ●            |              |              |              |              |
| E         | Square          |              | ●            |              | ●            |              |
| F         | Flower          |              |              | ●            |              | ●            |
| W         | wenge           | ●            |              | ●            |              | ●            |
| A         | Ash             |              | ●            |              | ●            |              |



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S 6110 J

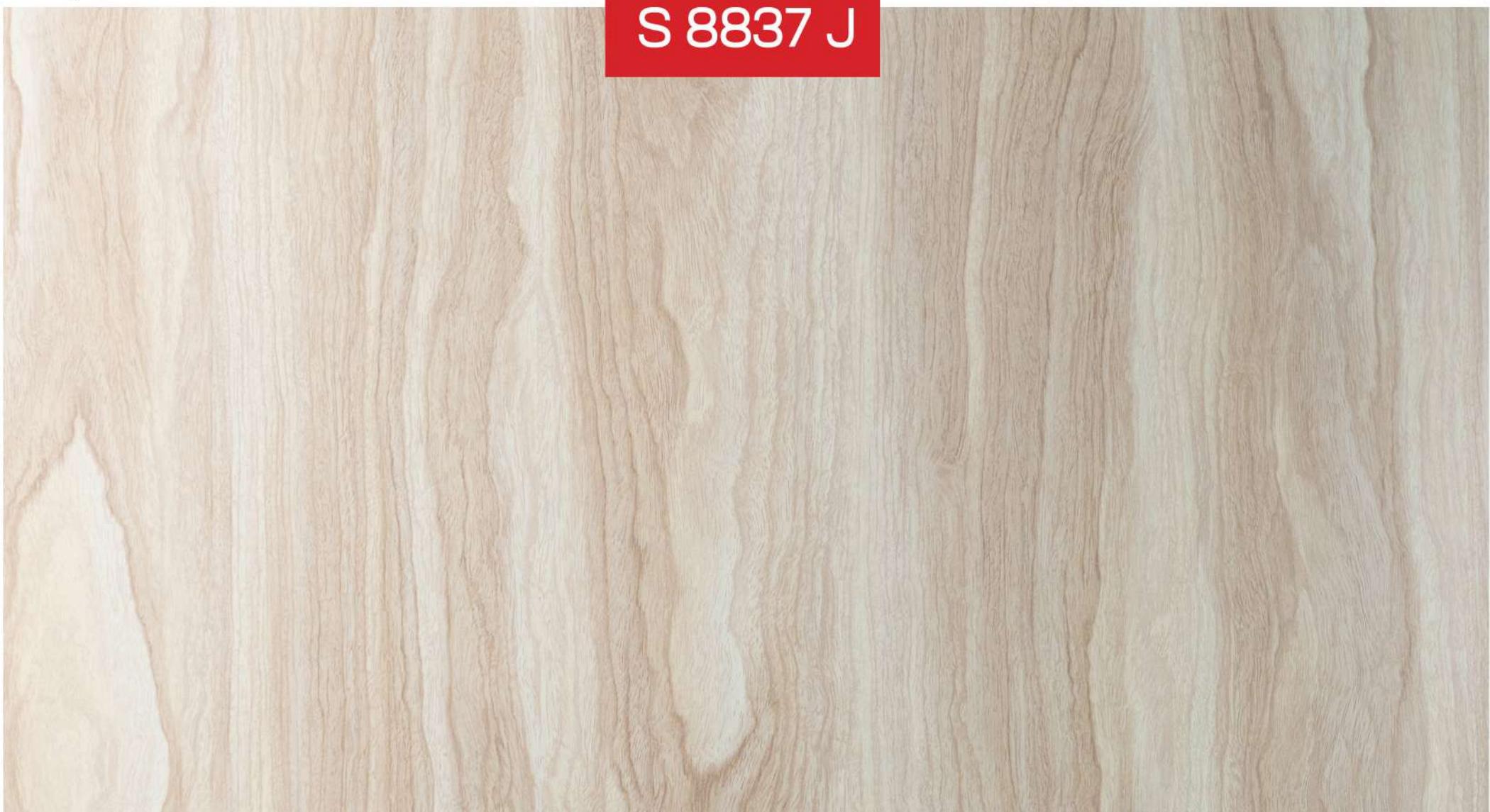


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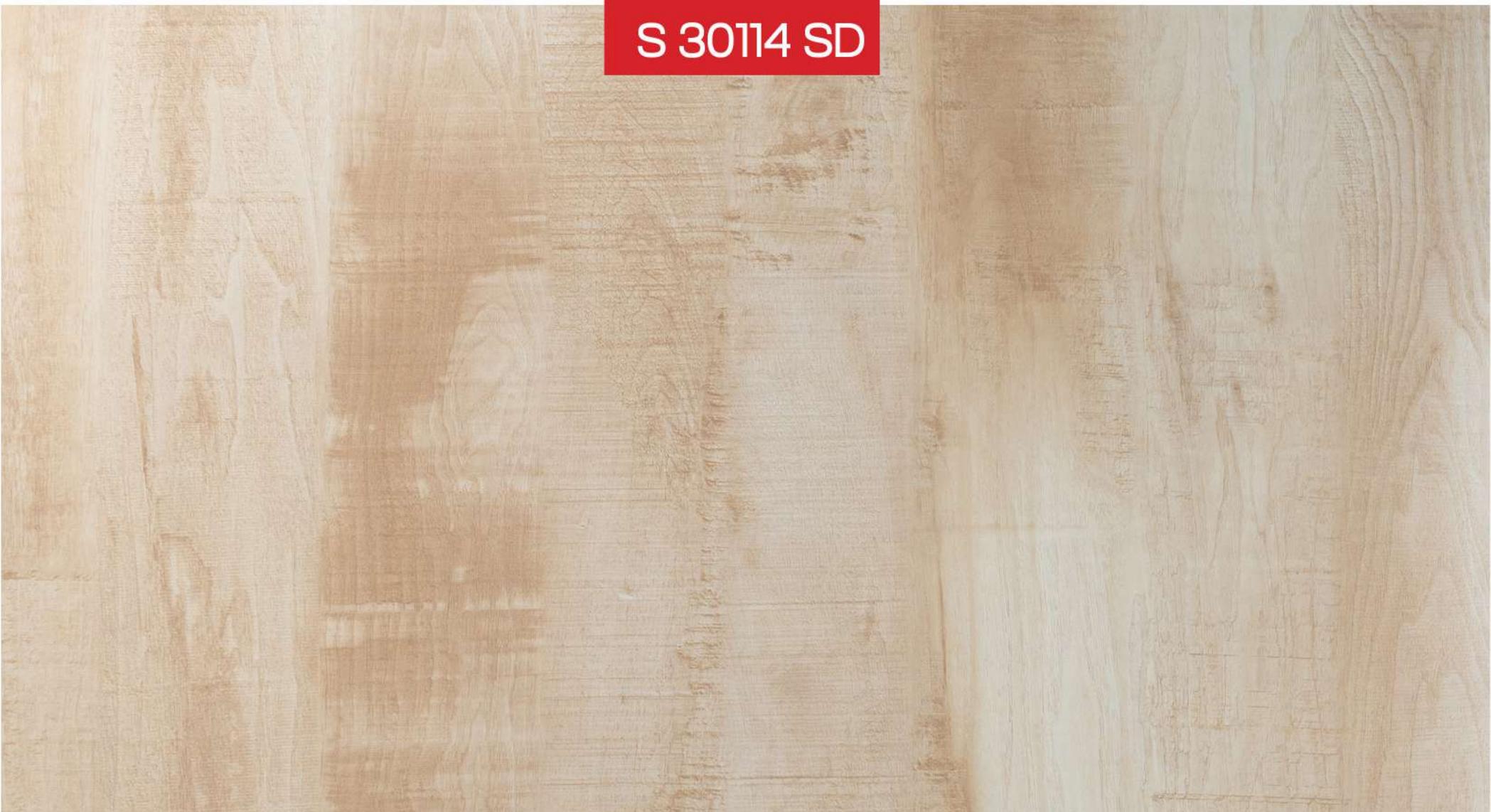


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S 30108 SD

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**S 30124 SD**



S 30125 T

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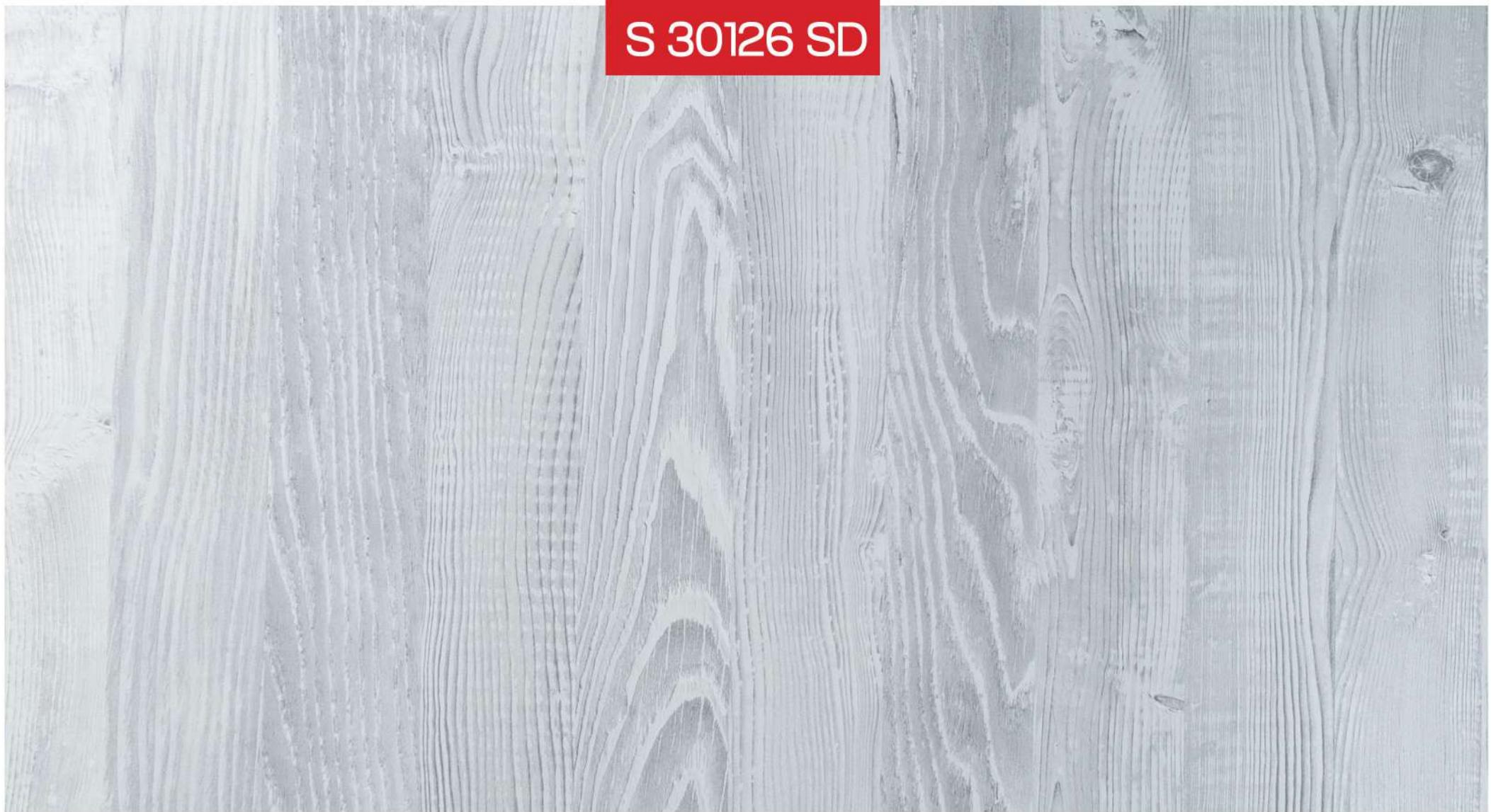
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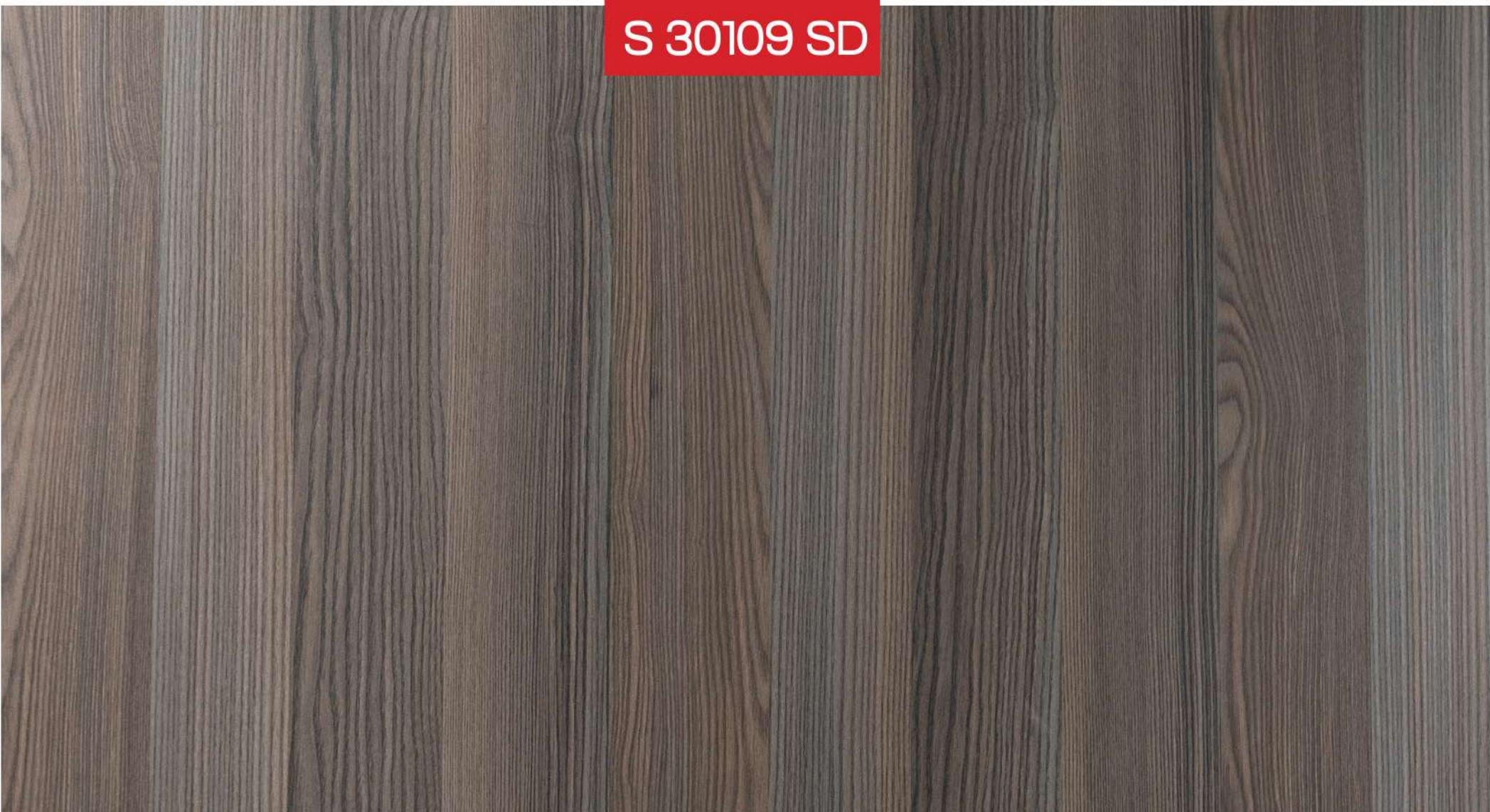


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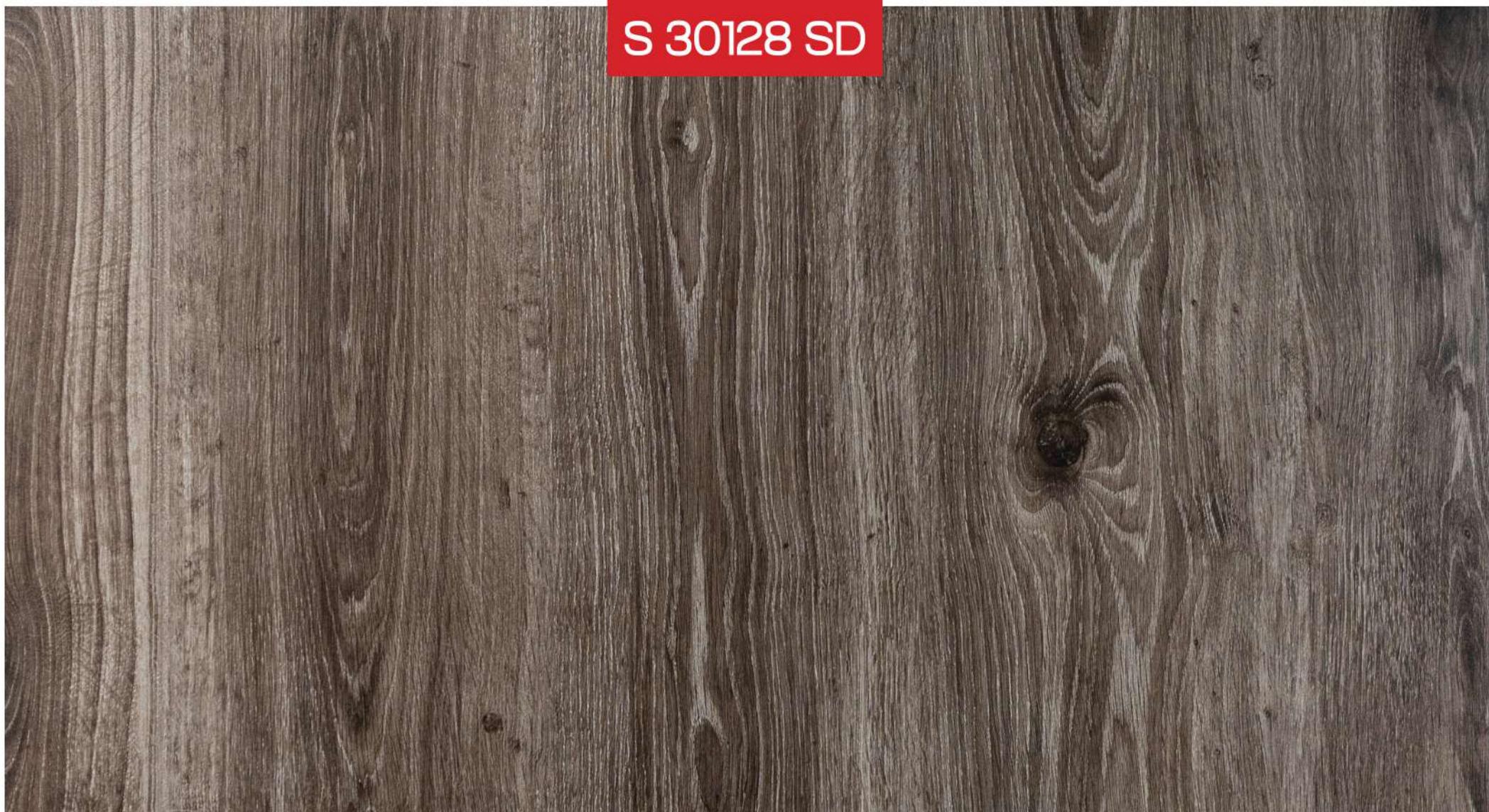


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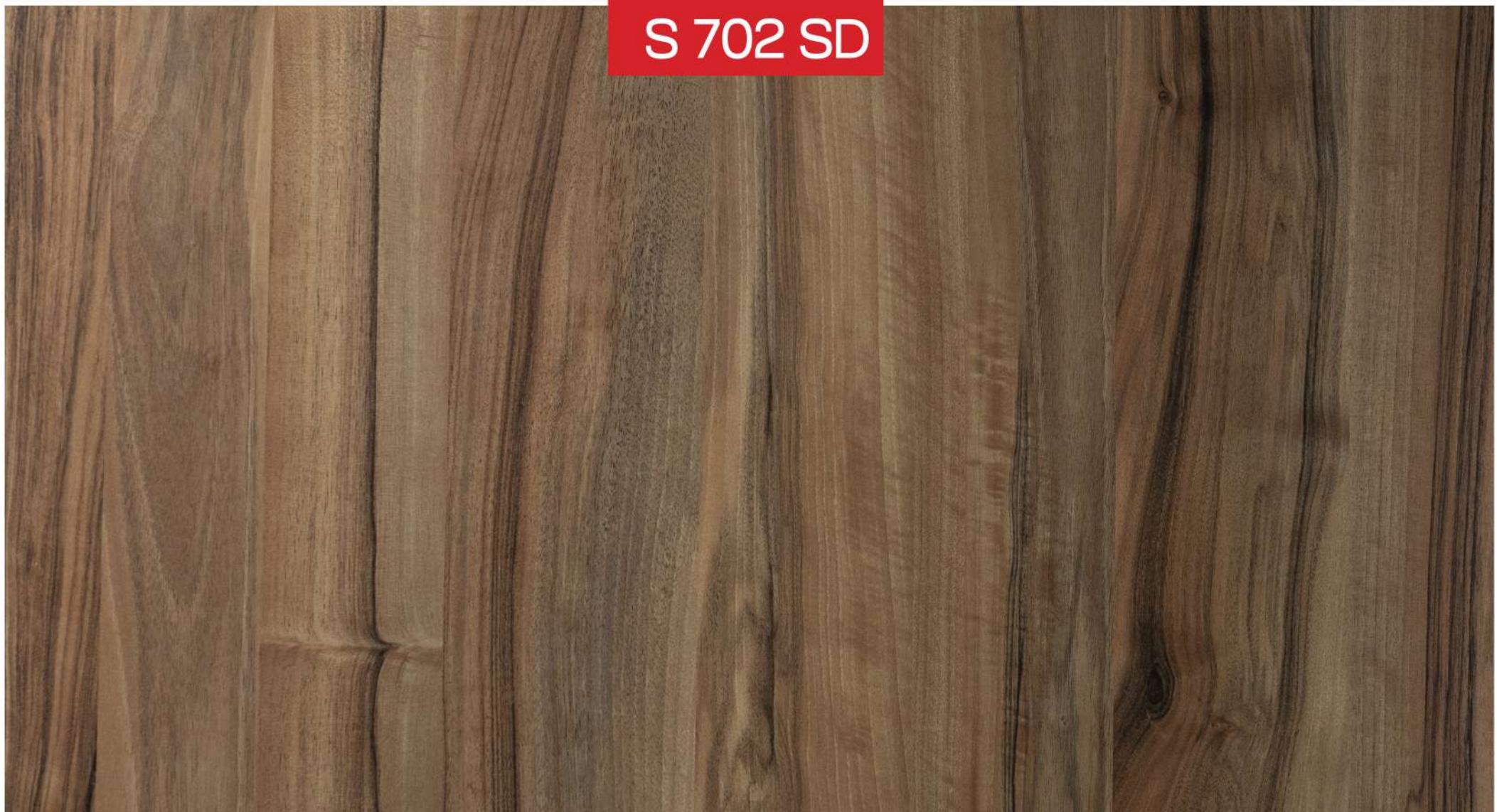


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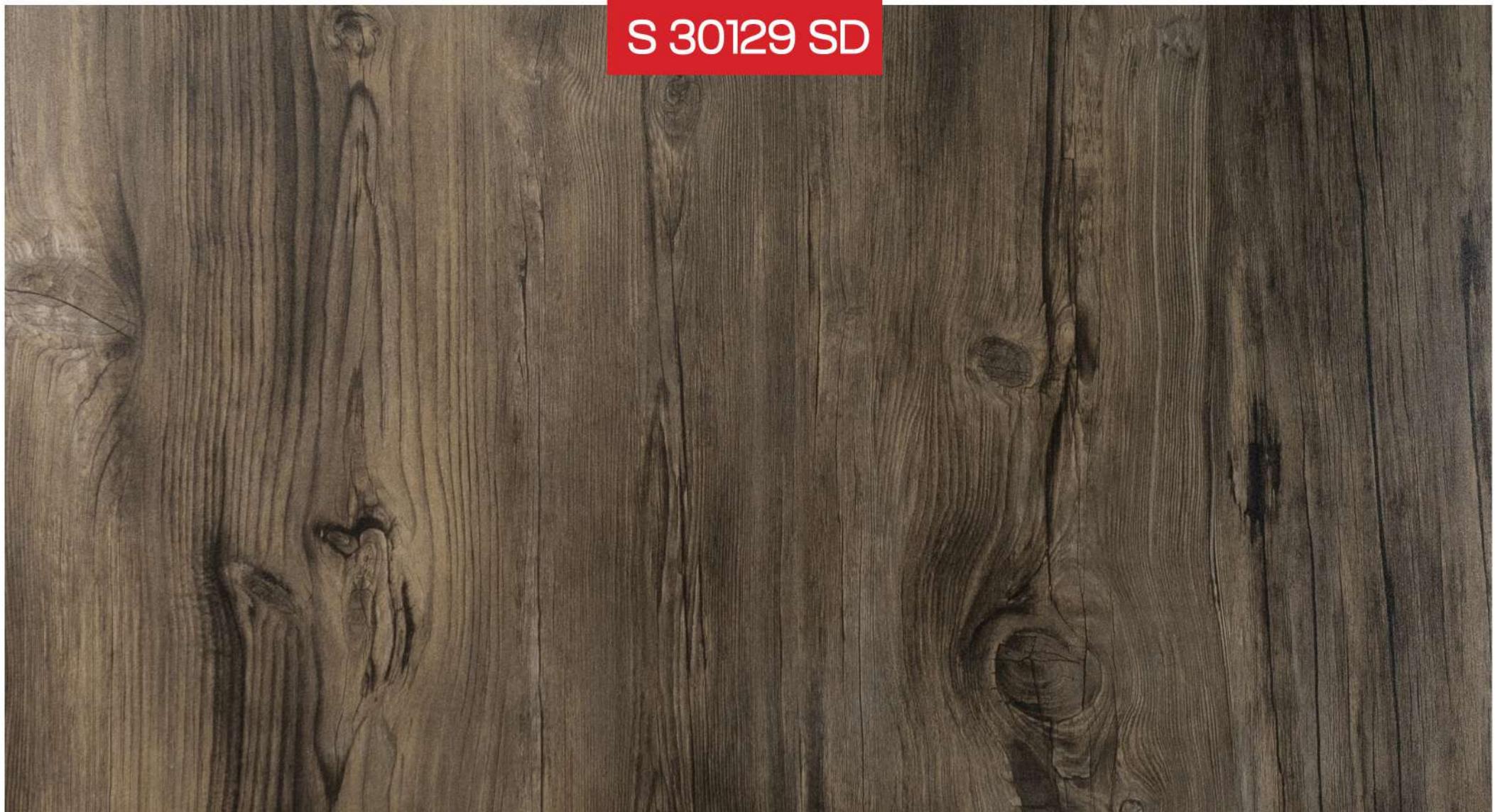


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**S 711 SD**

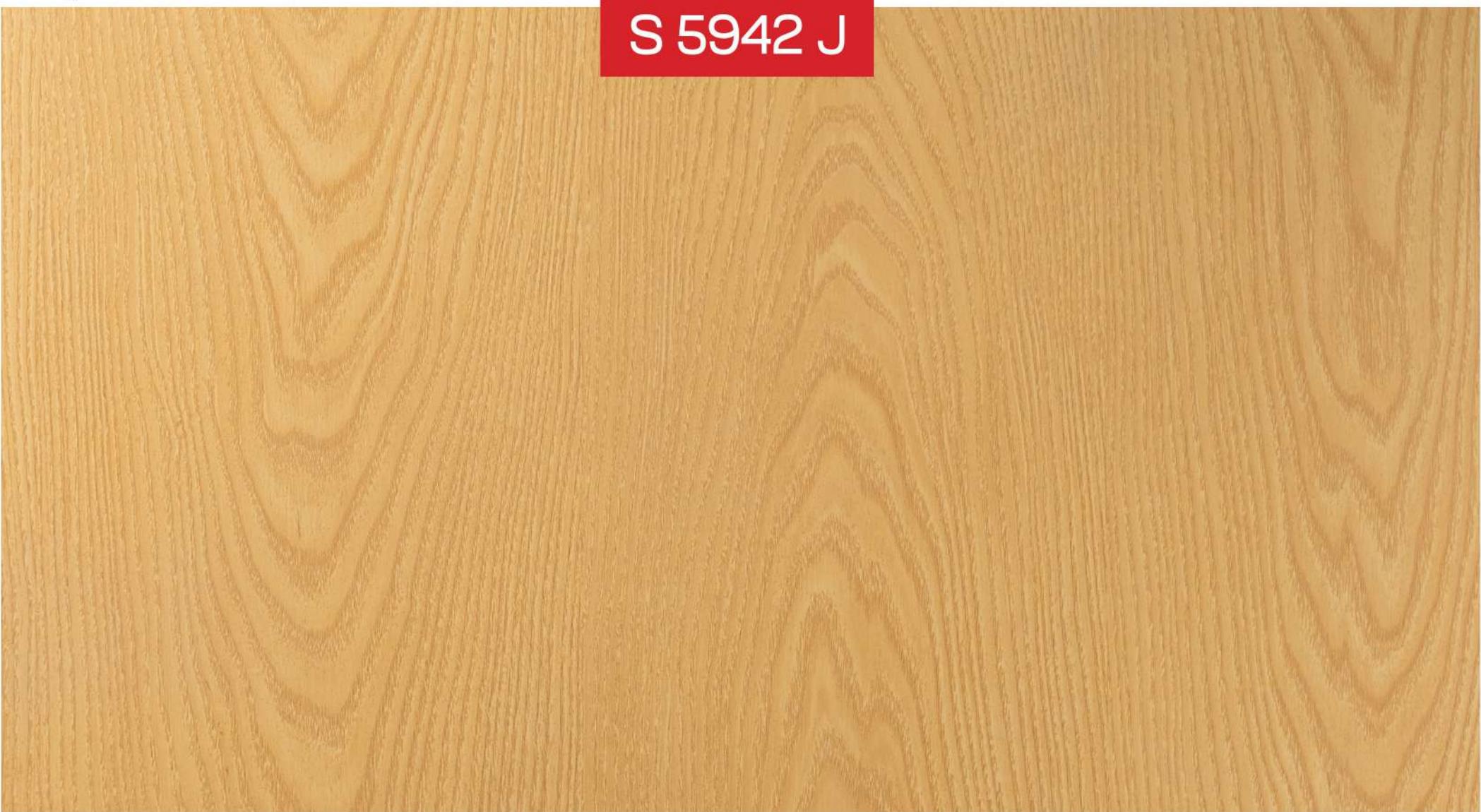


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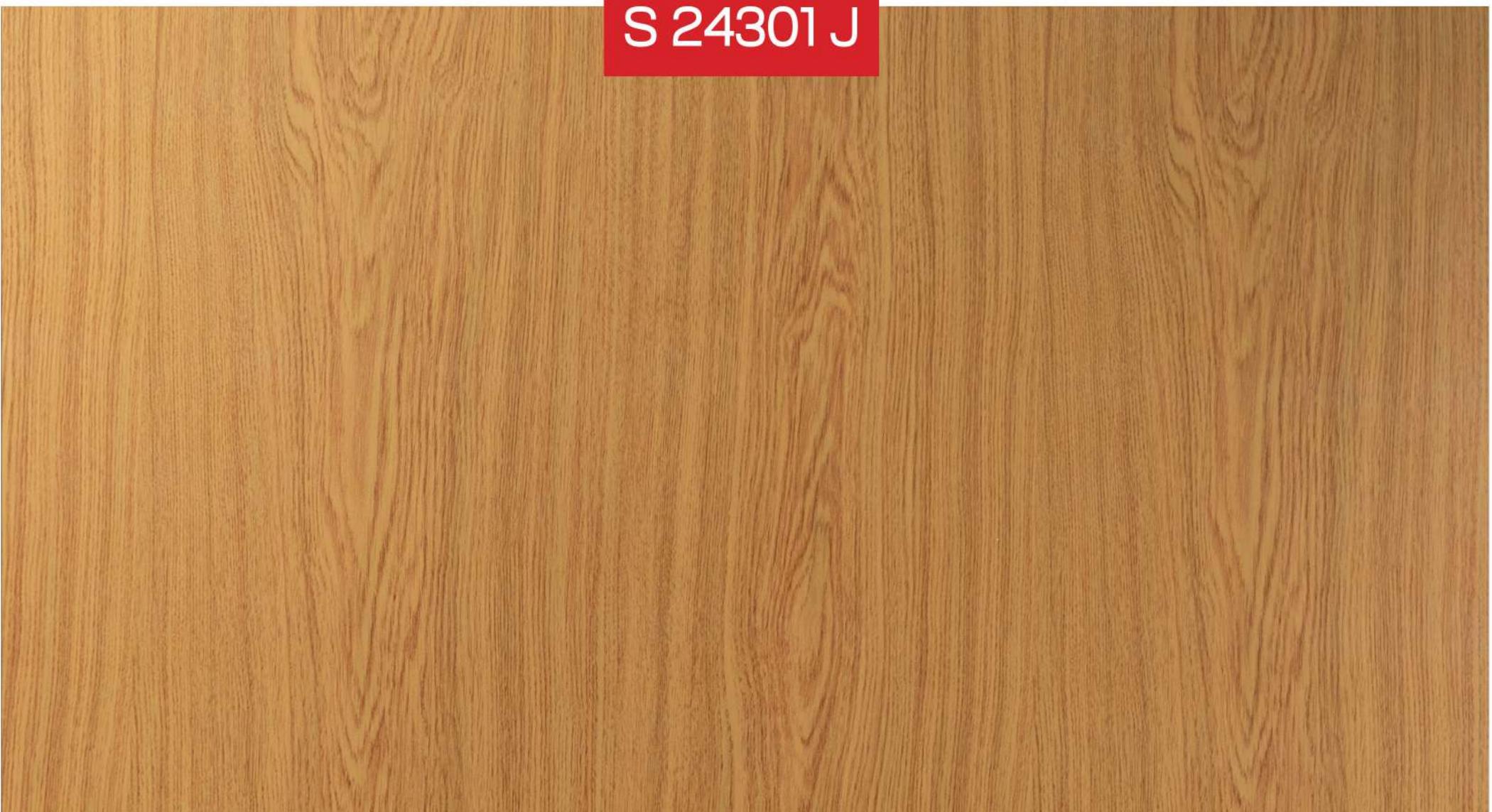


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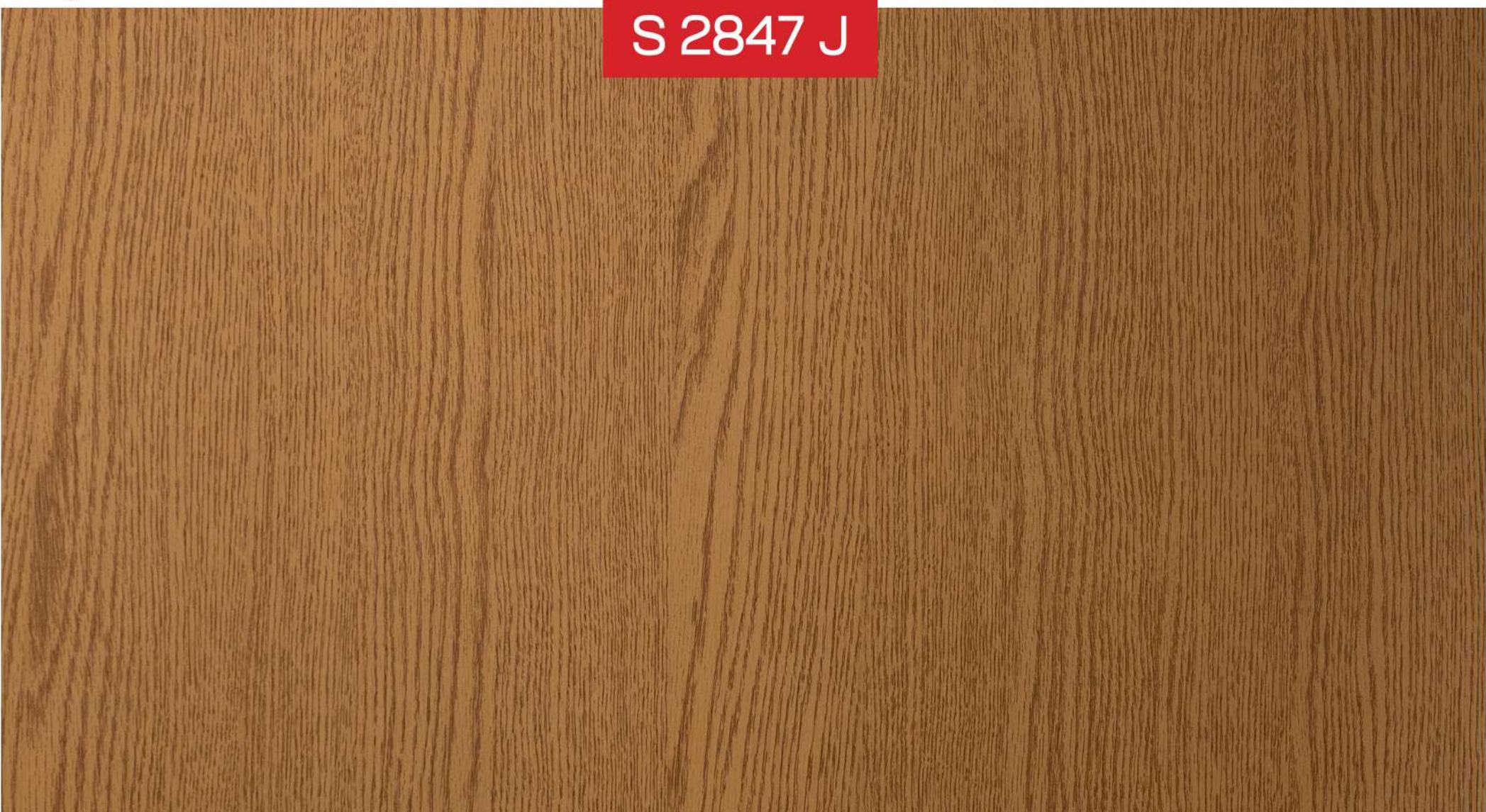


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S 6104 J

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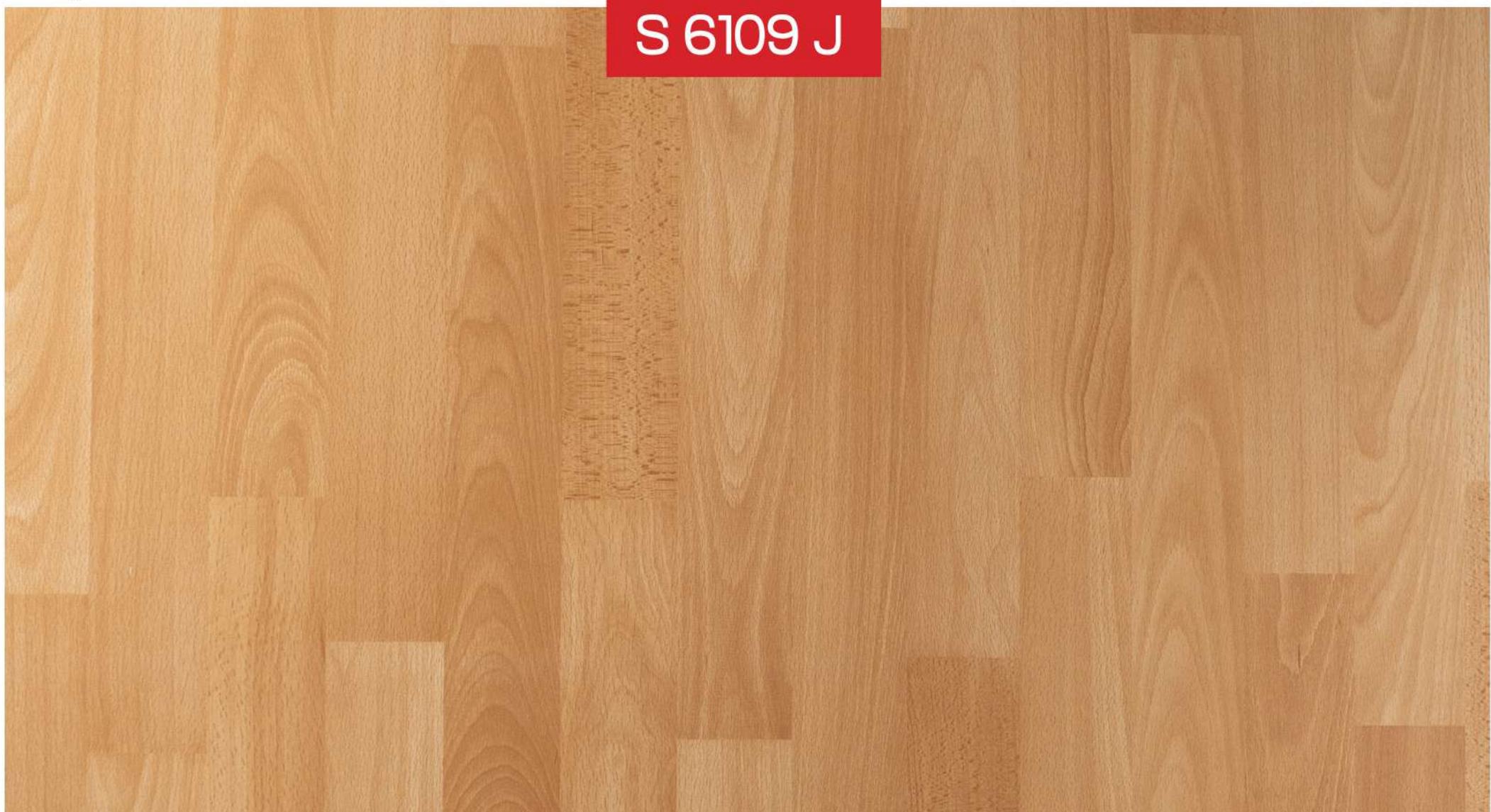
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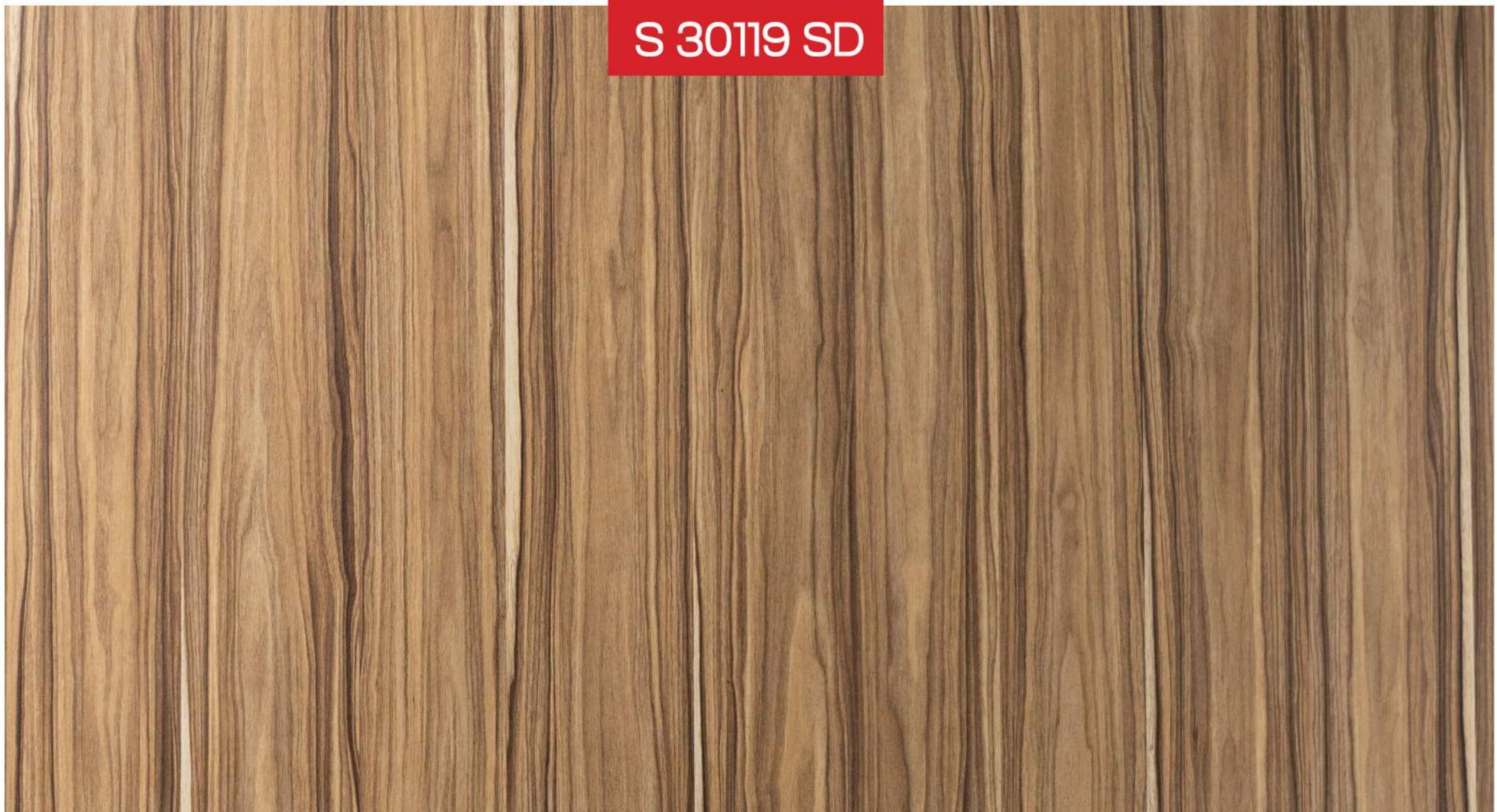


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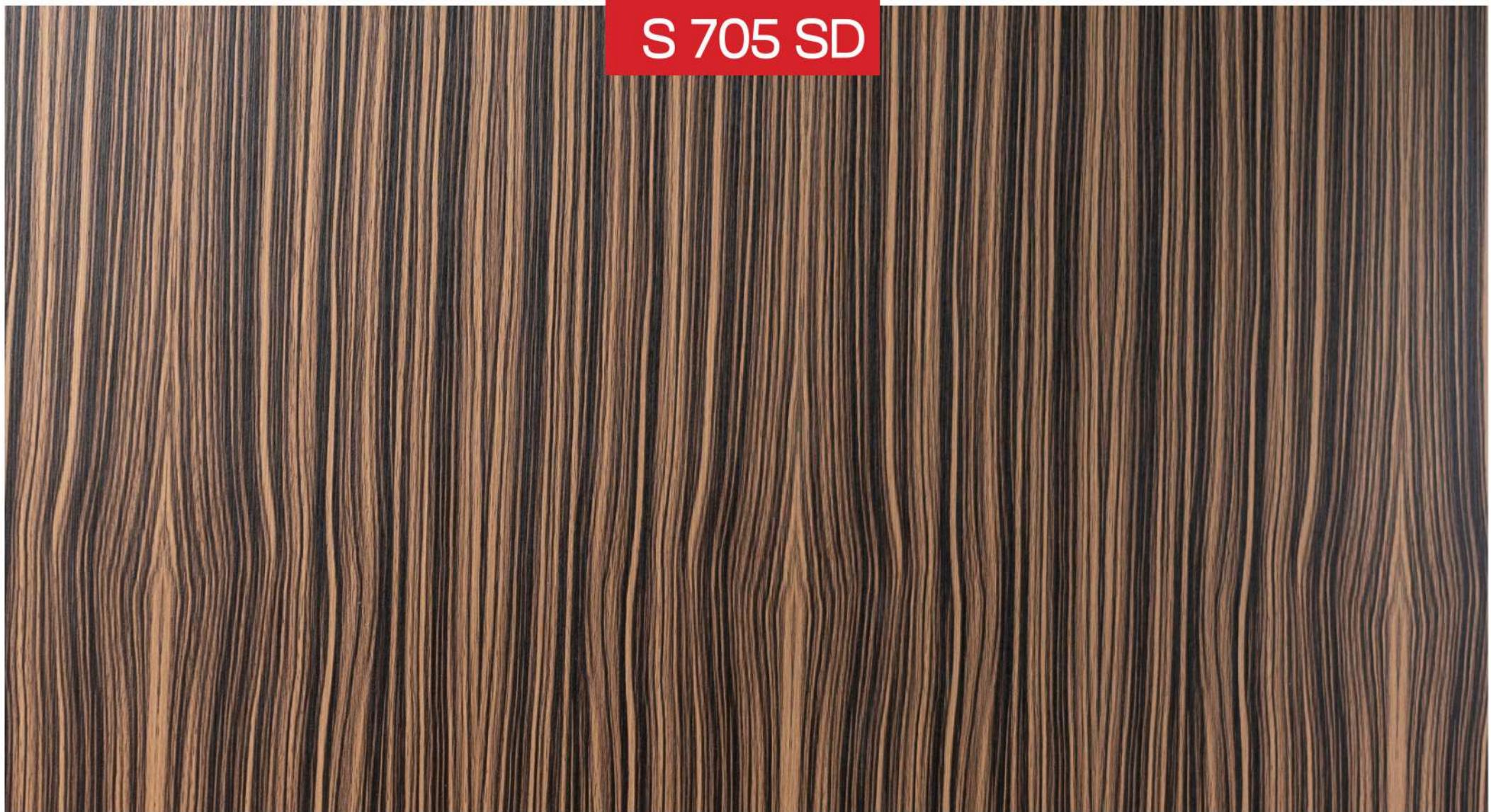


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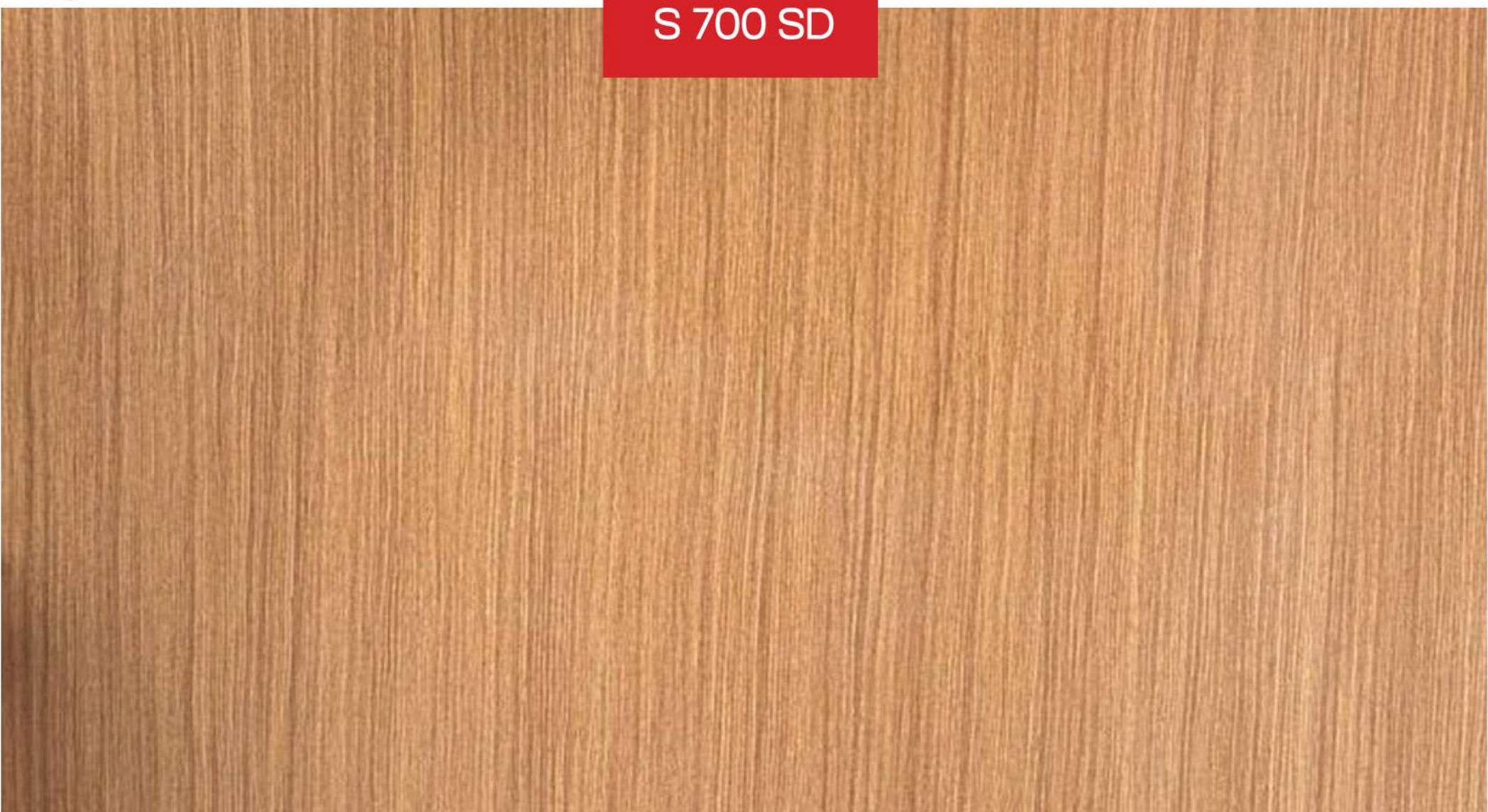


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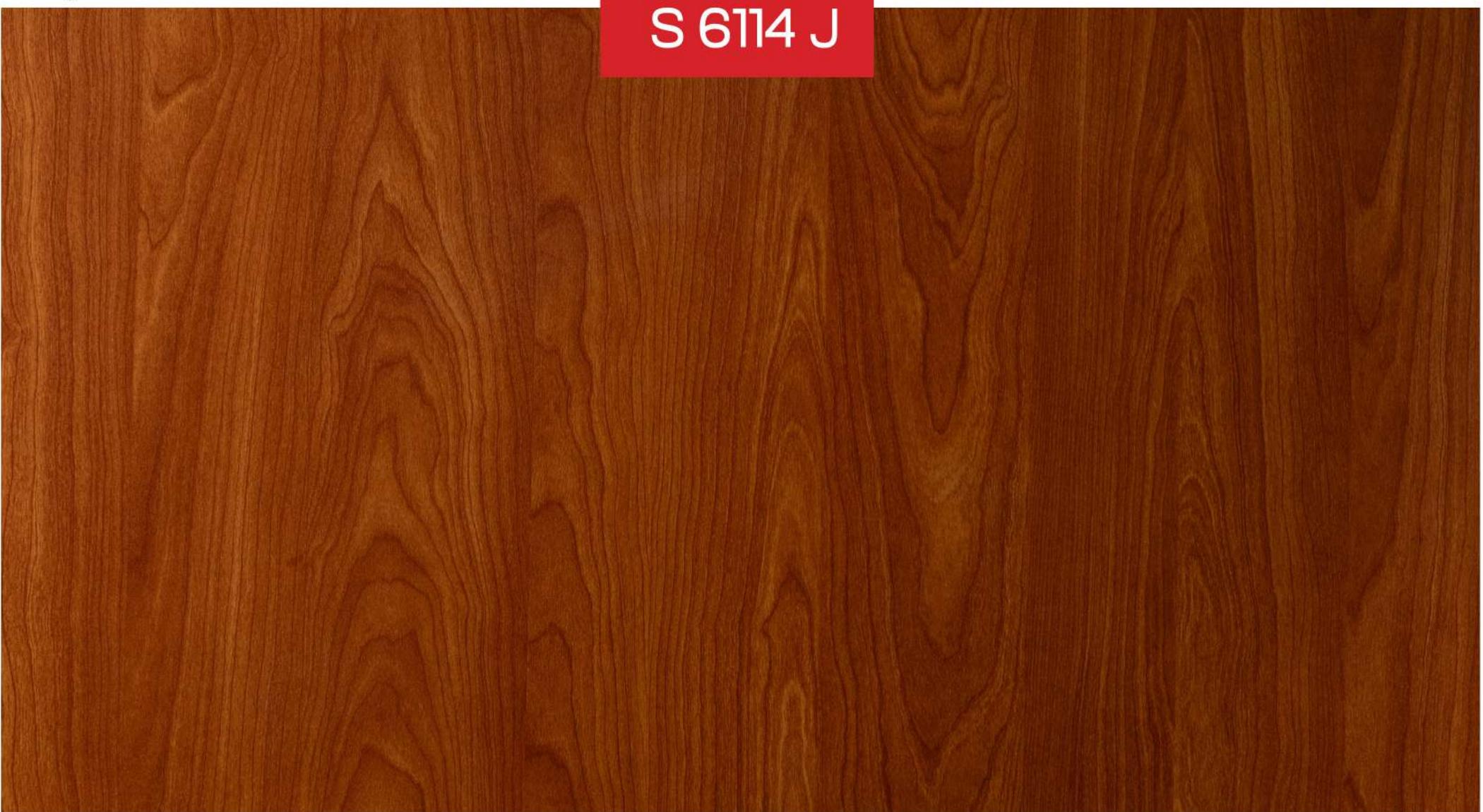
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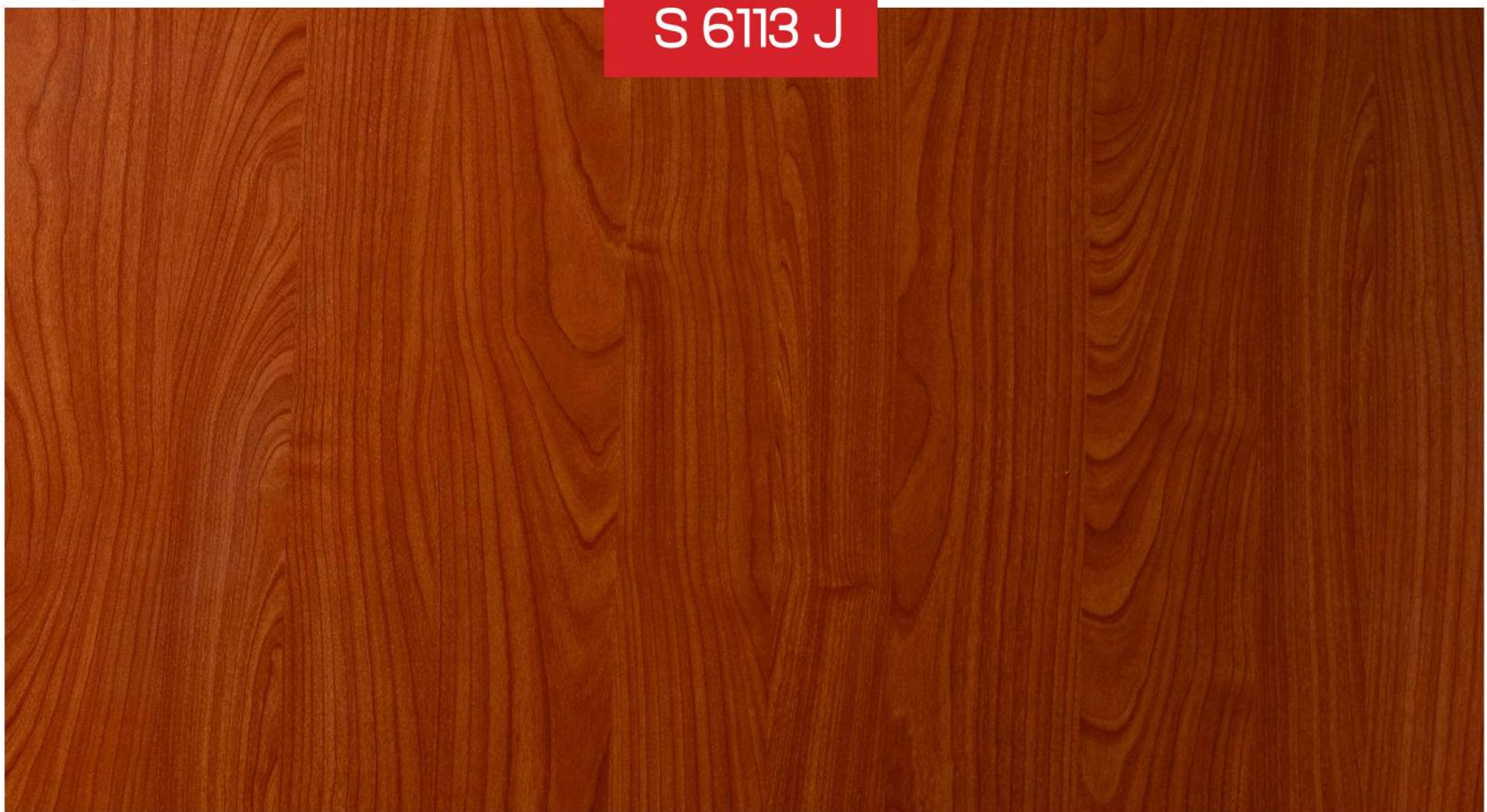


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S 6113 J

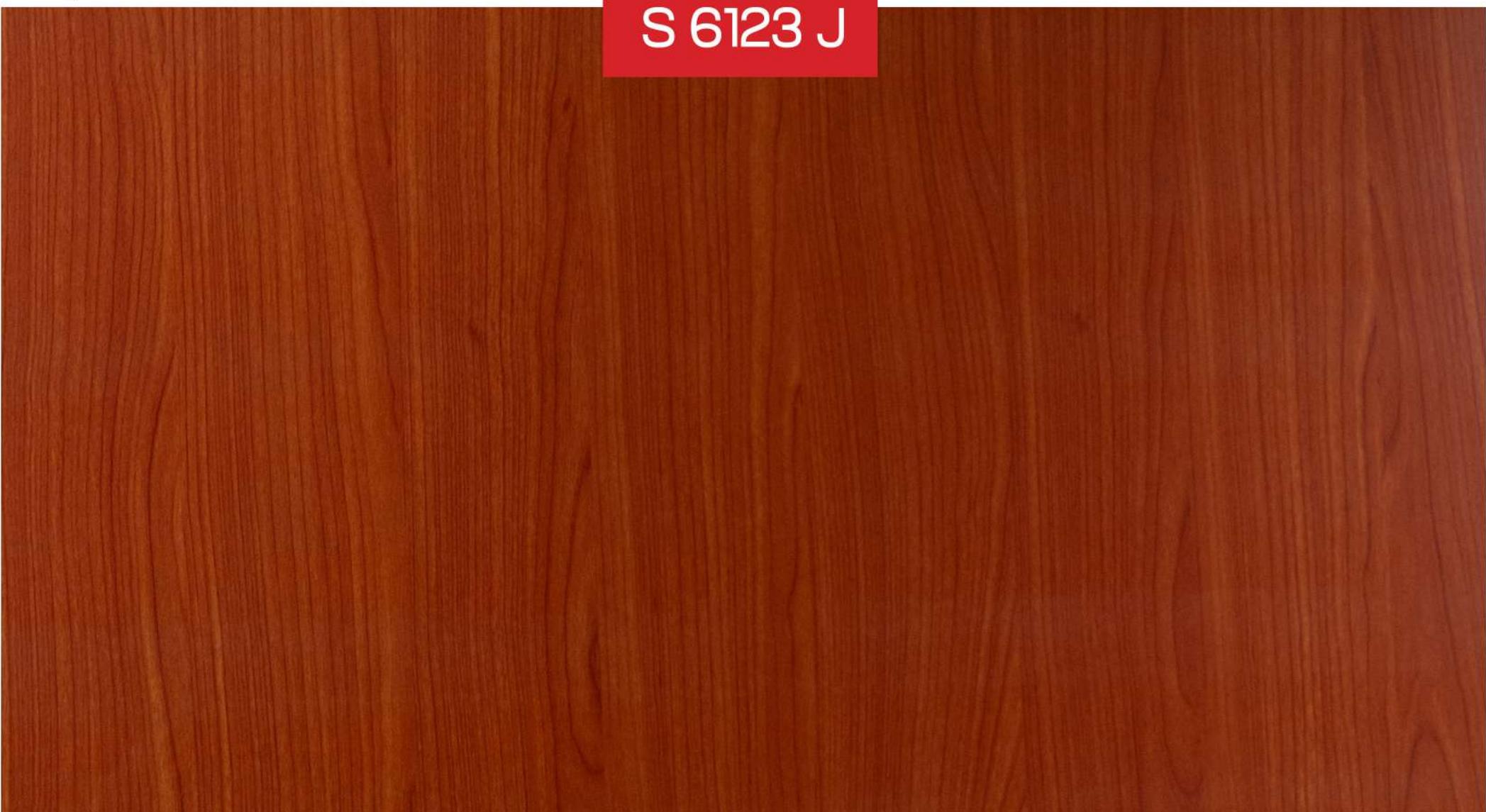


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S 6123 J

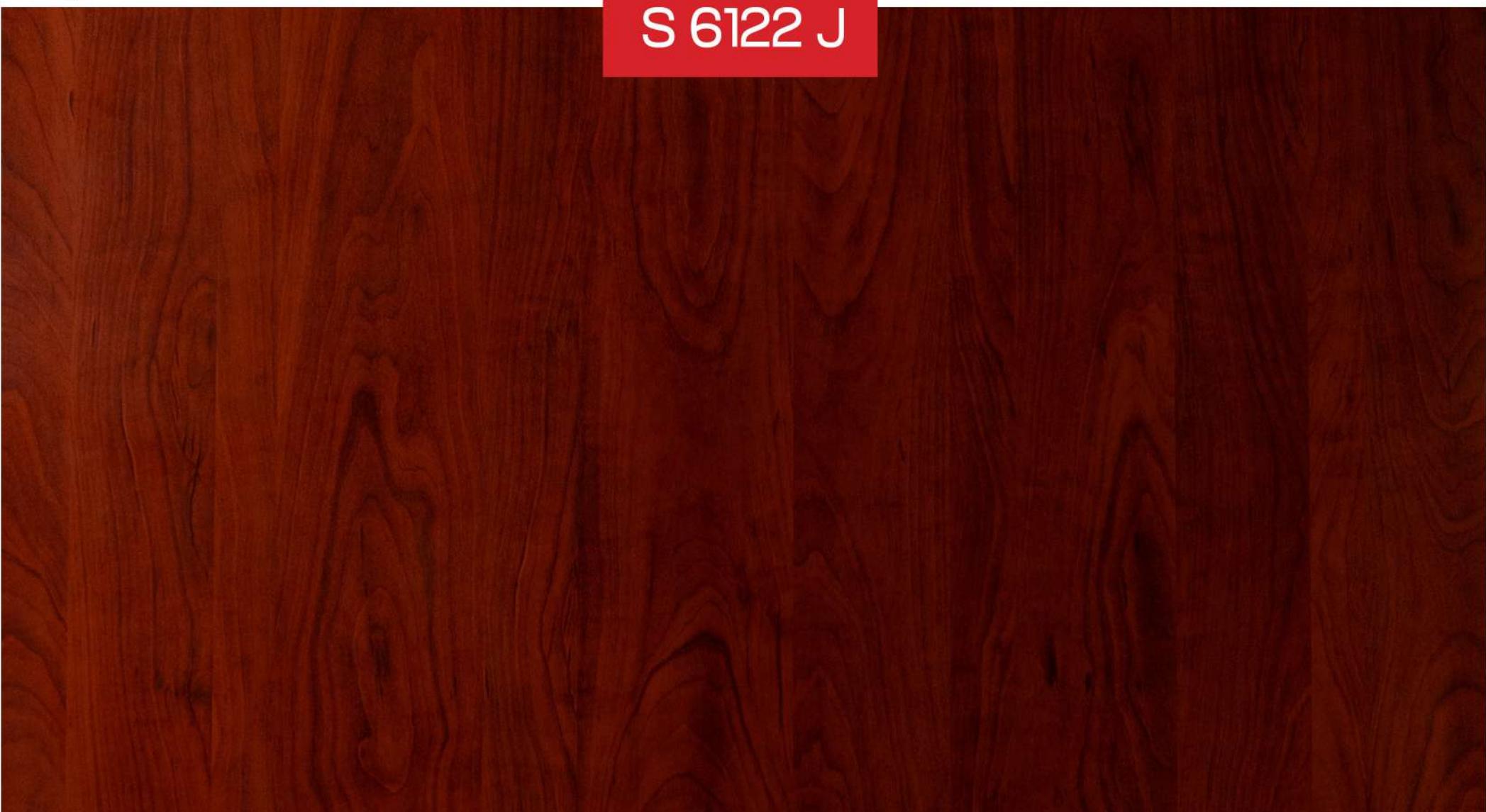


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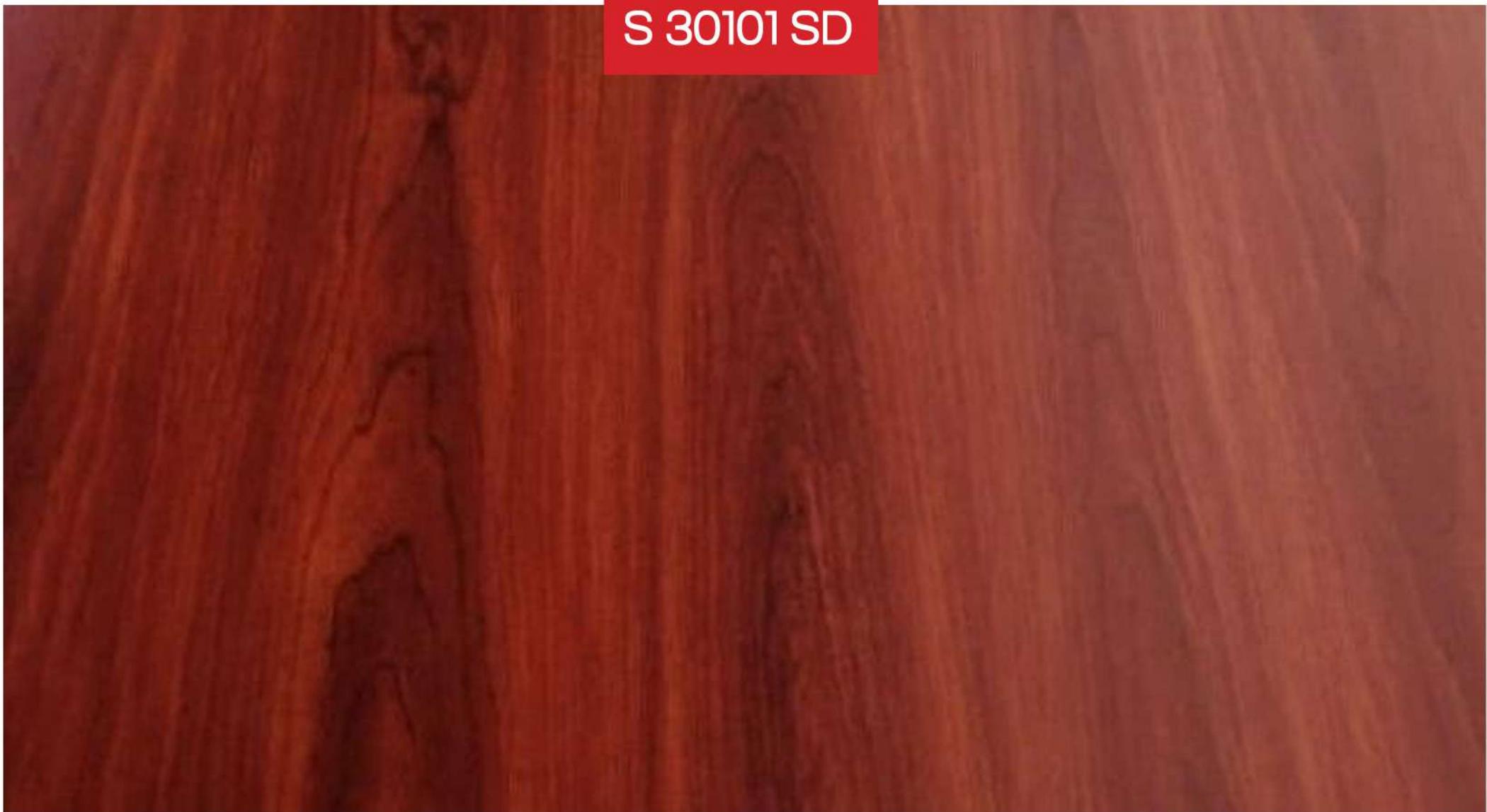


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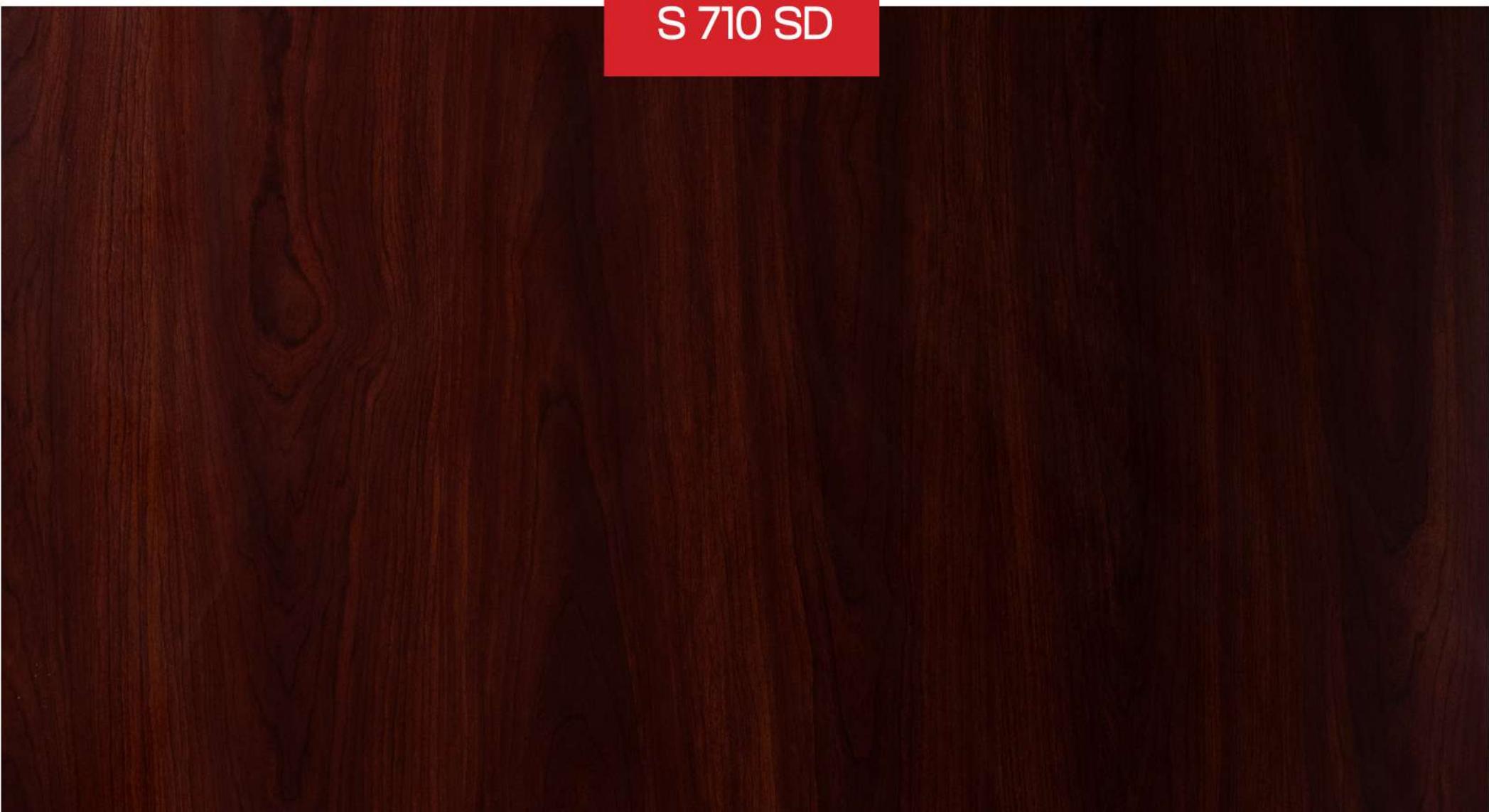


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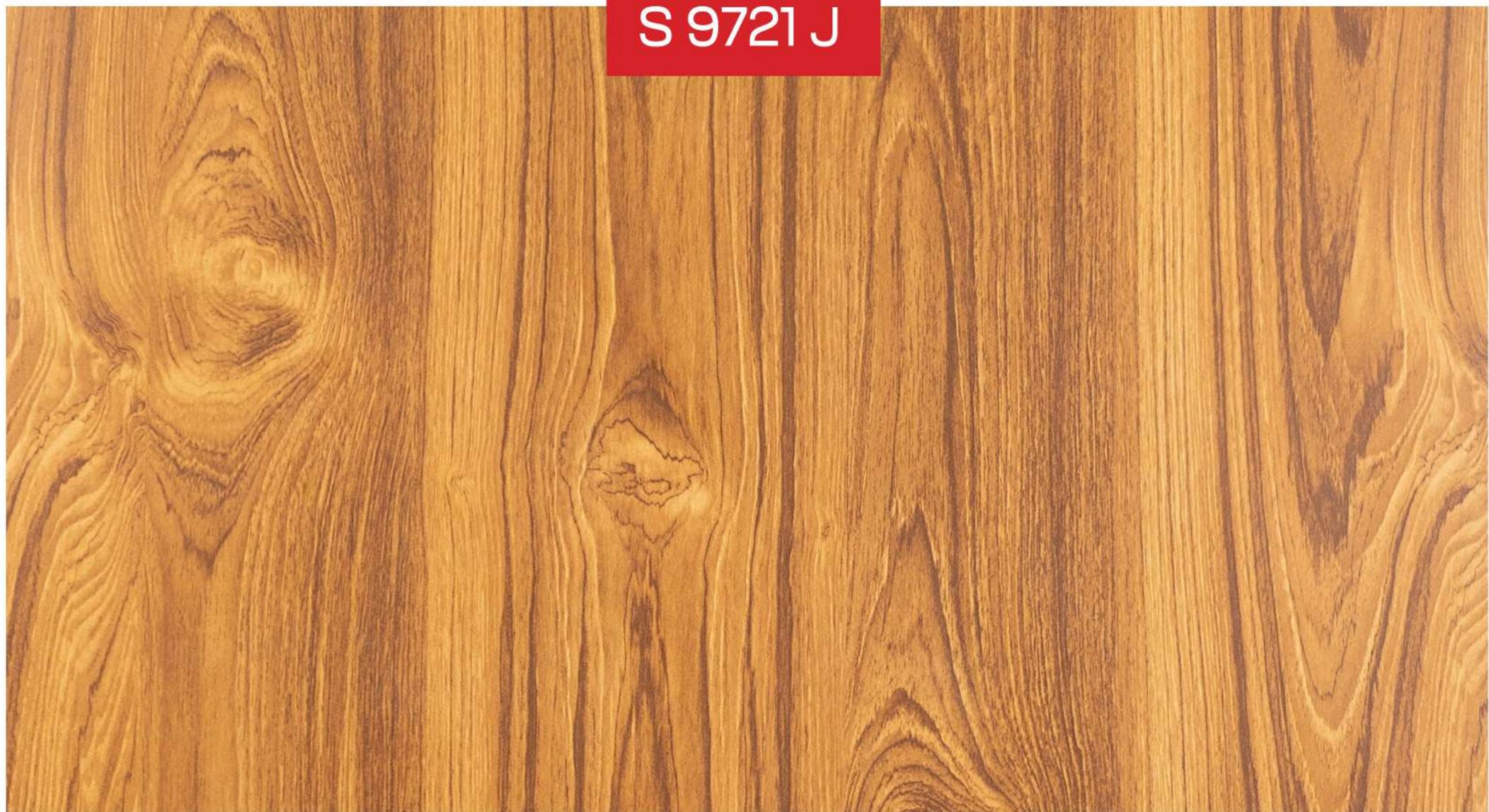


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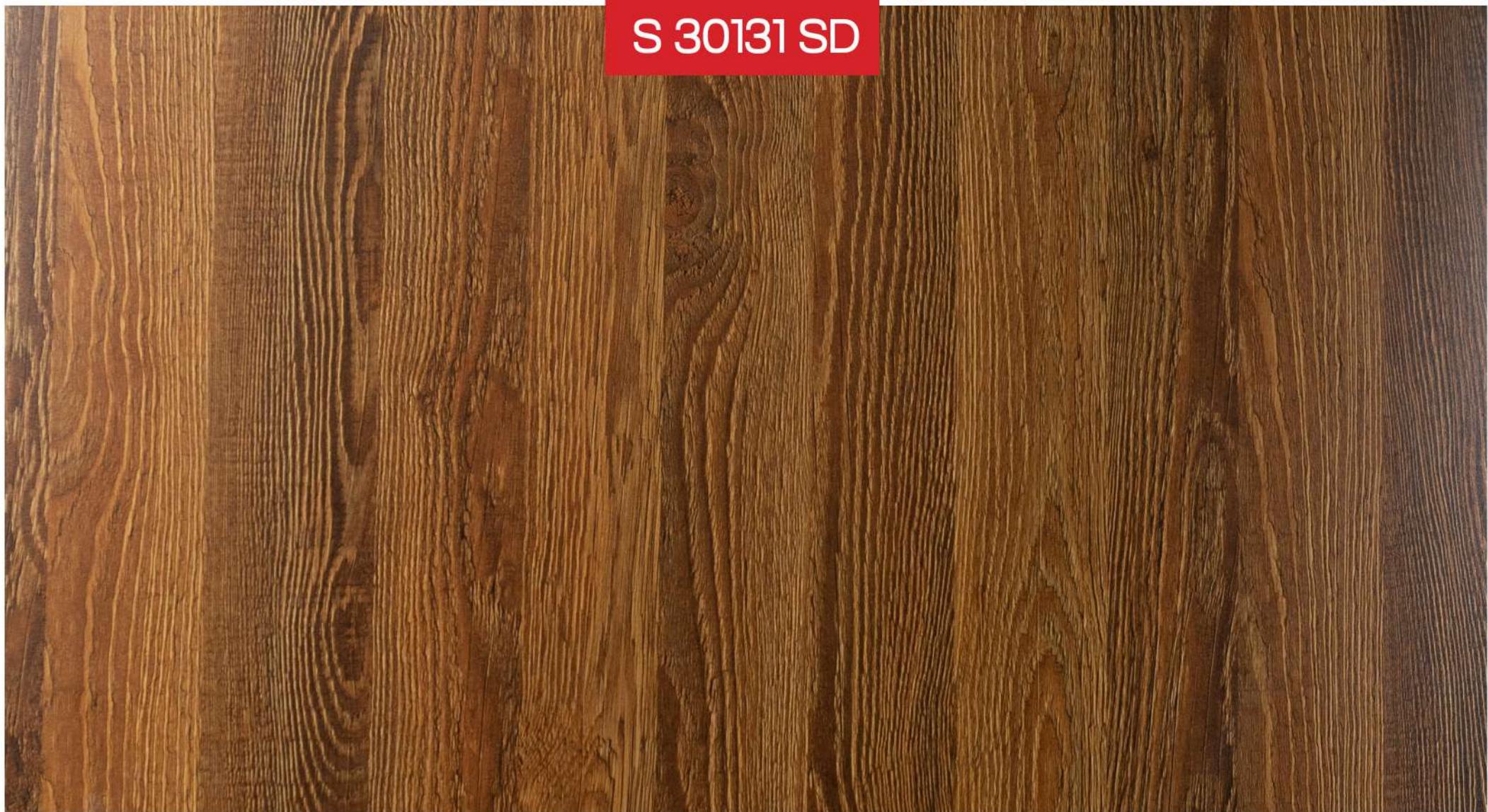


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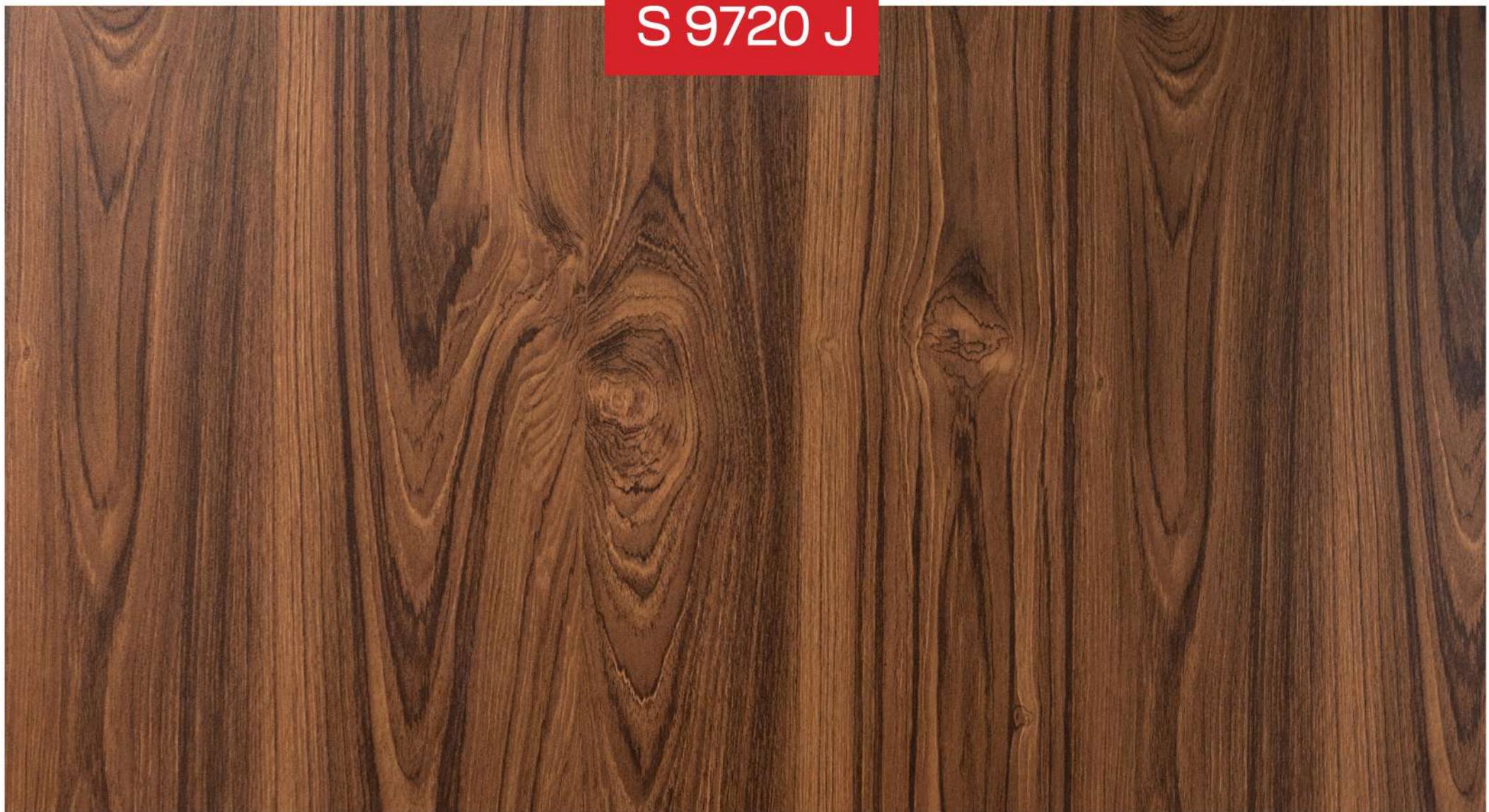
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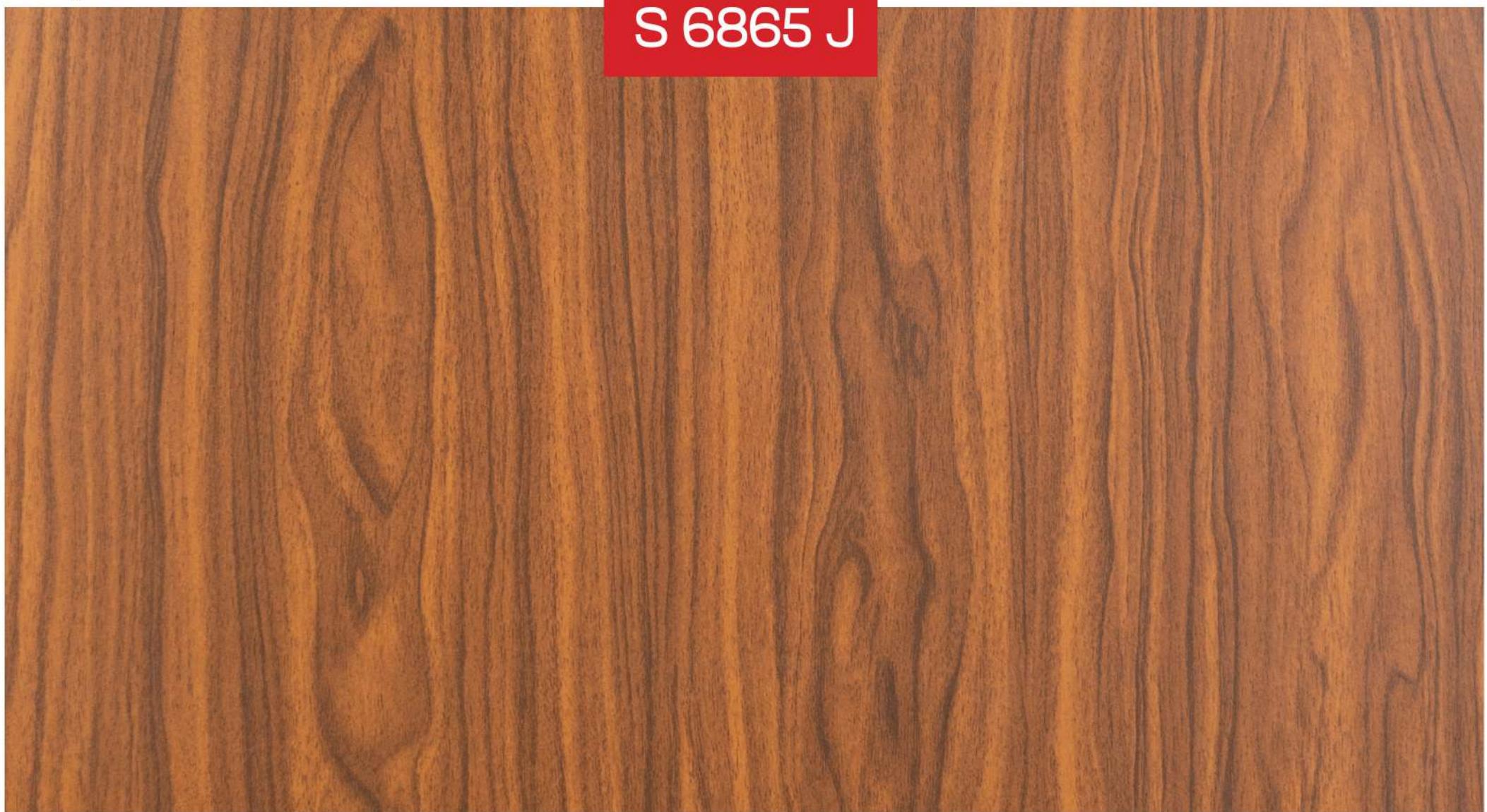


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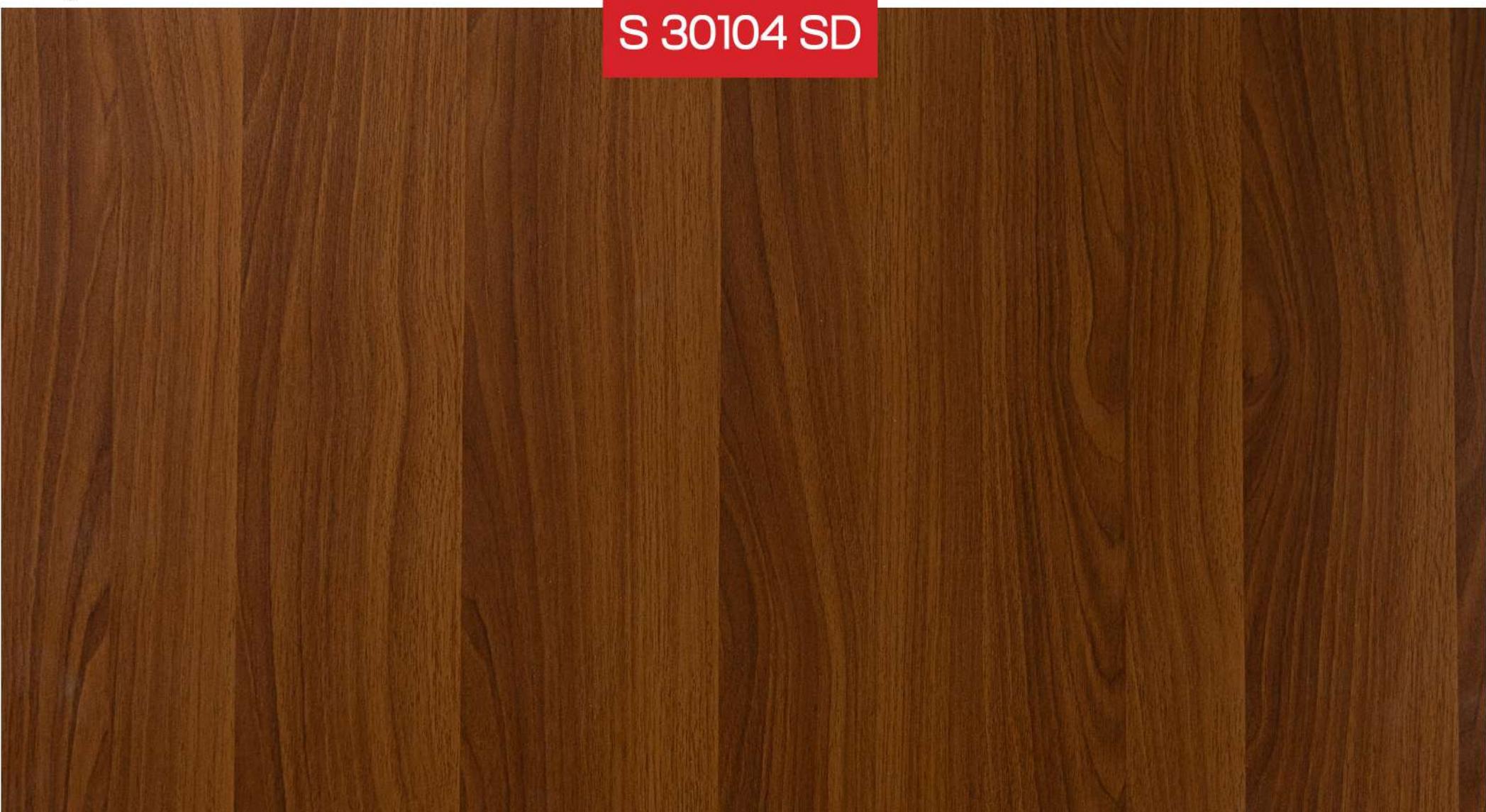


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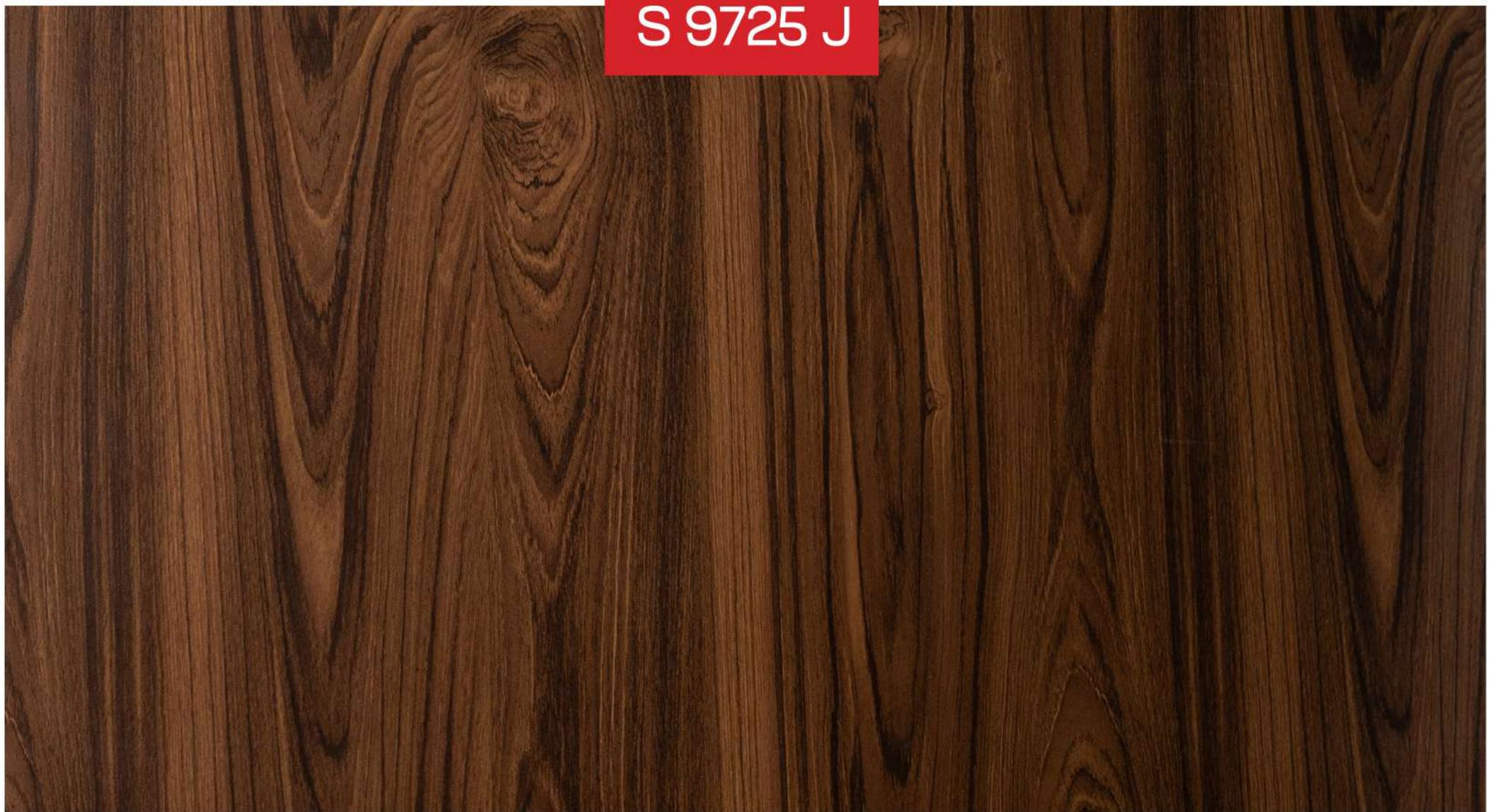
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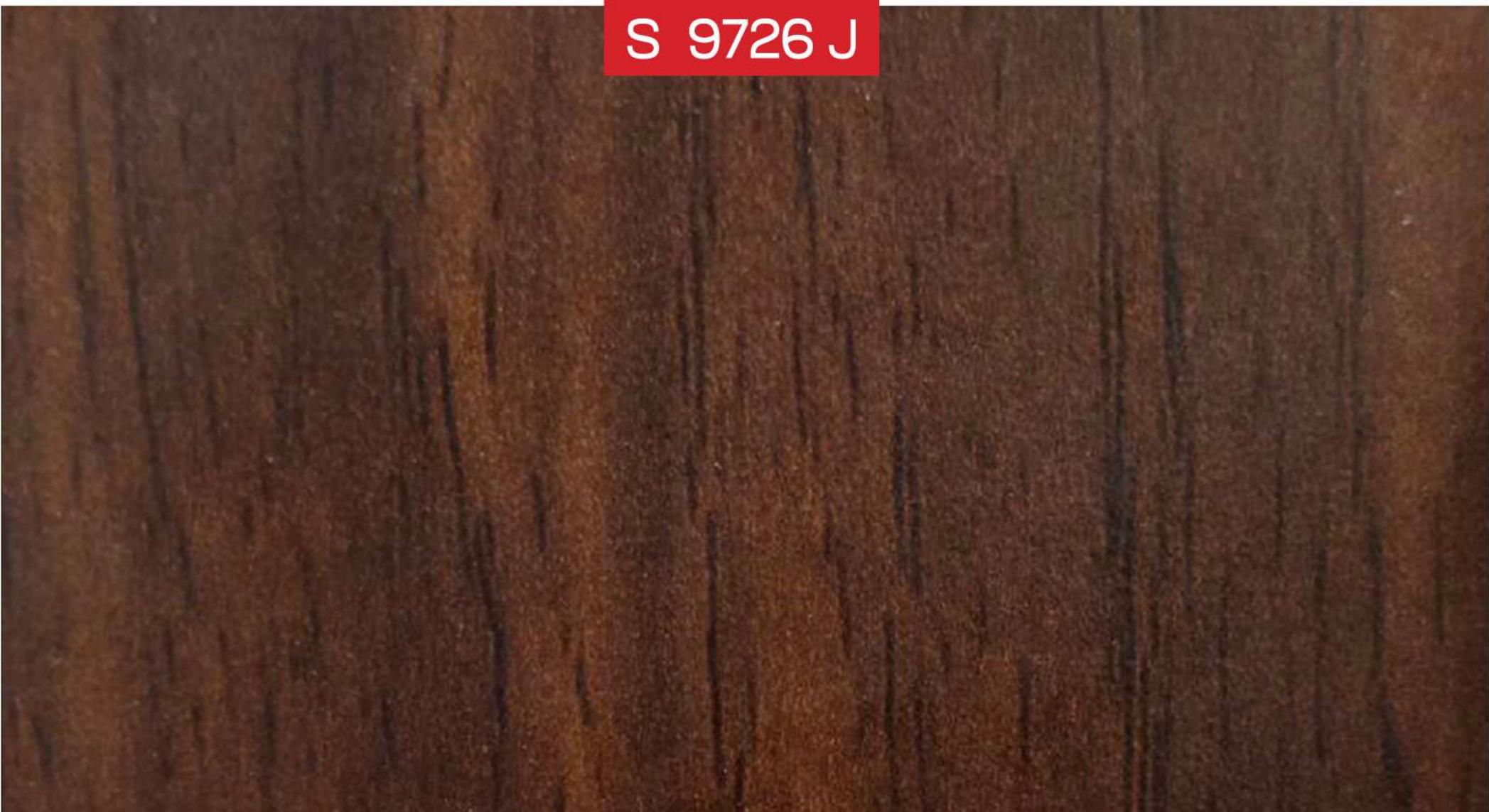
**S 30106 SD**

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سالوميل  
SINCE 1982

S 9726 J

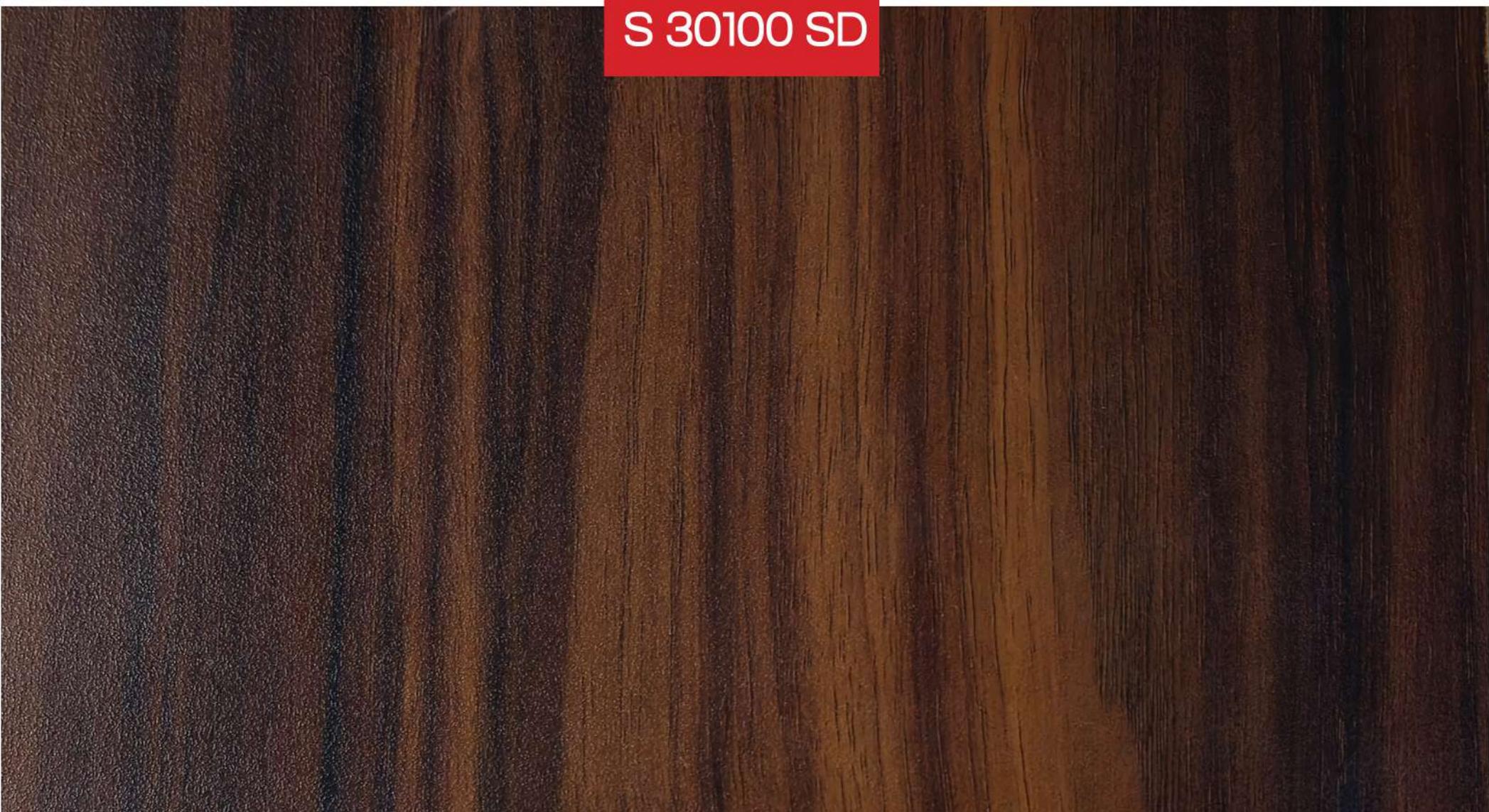


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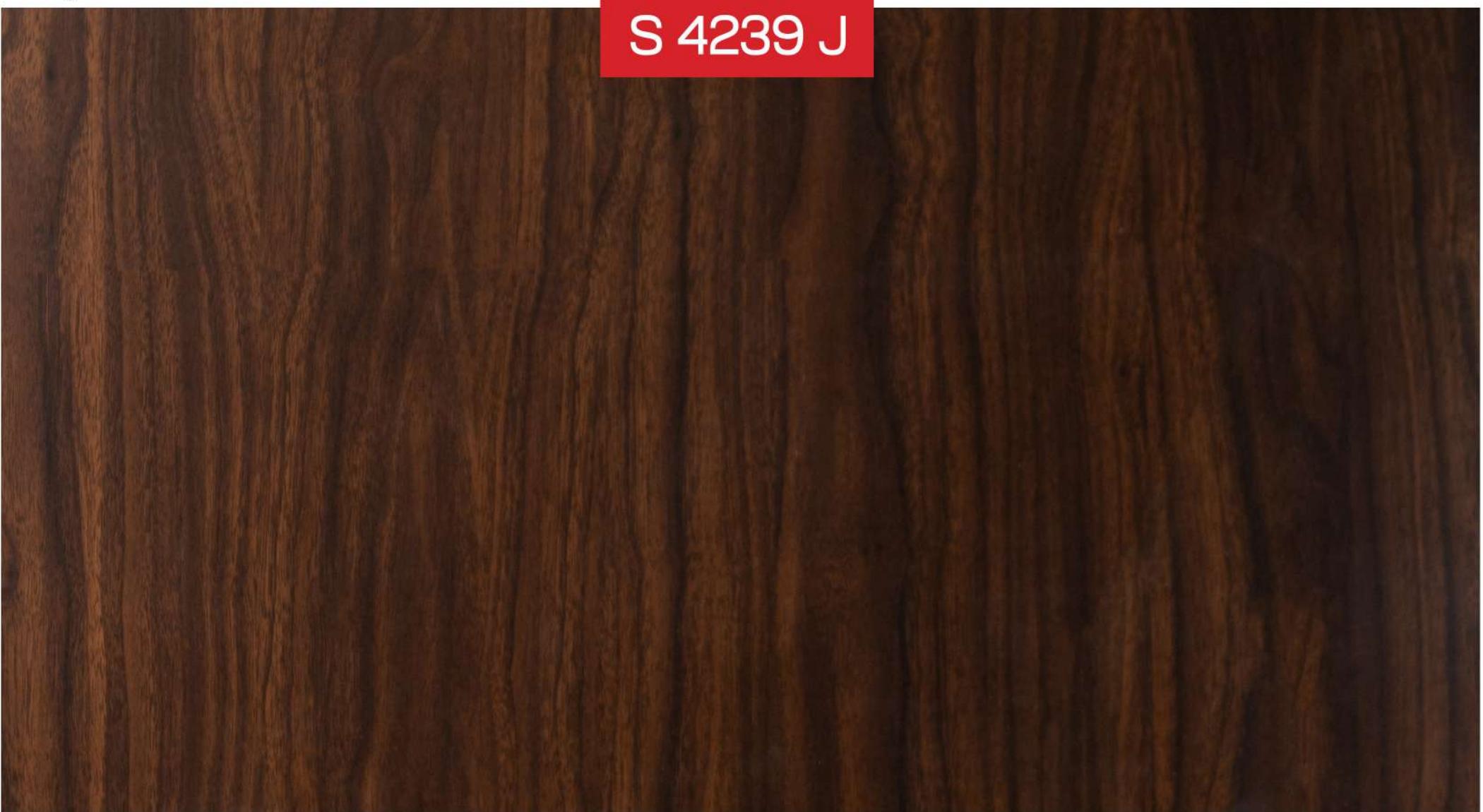


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S 4239 J



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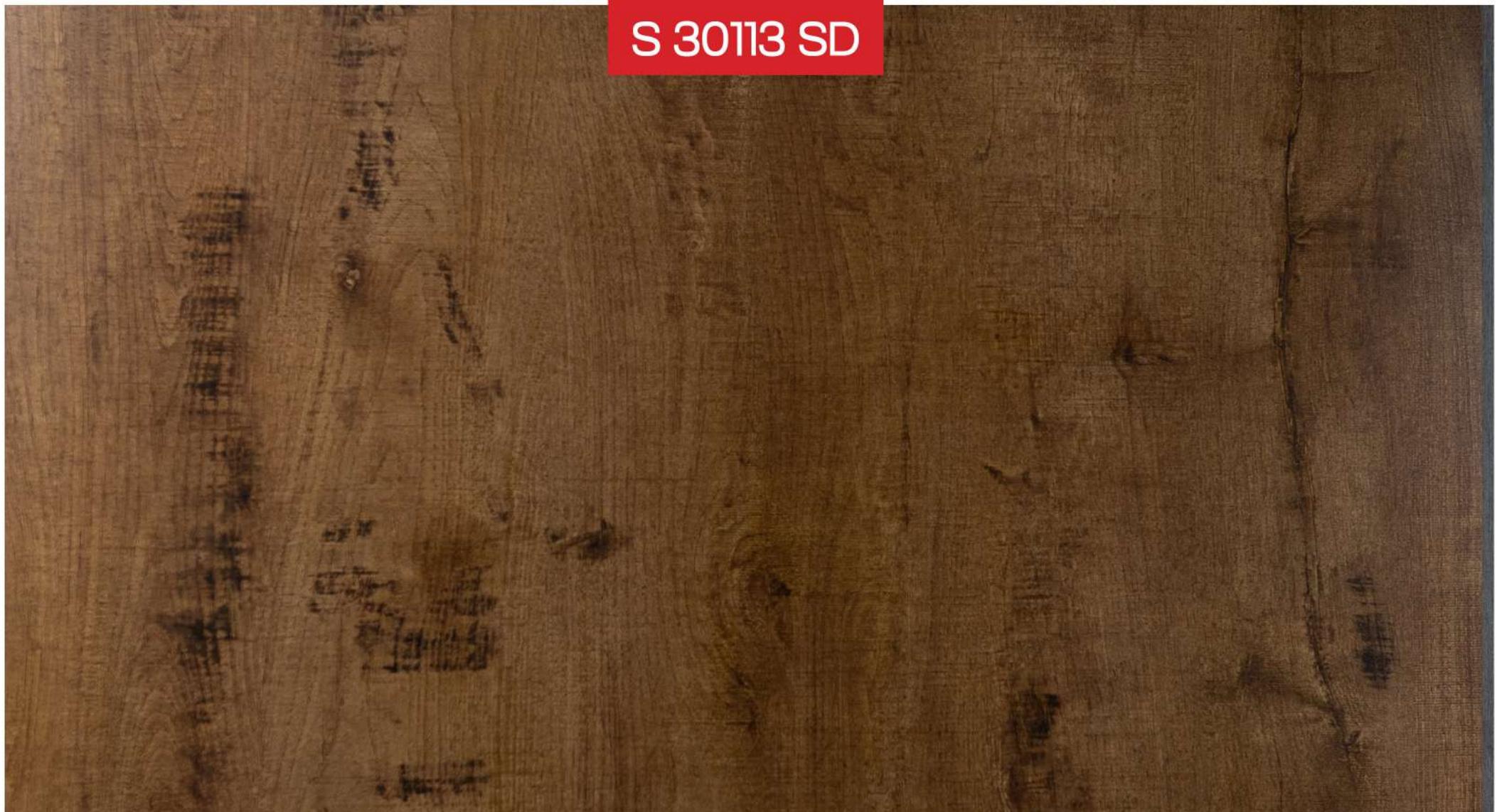
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**S 30113 SD**

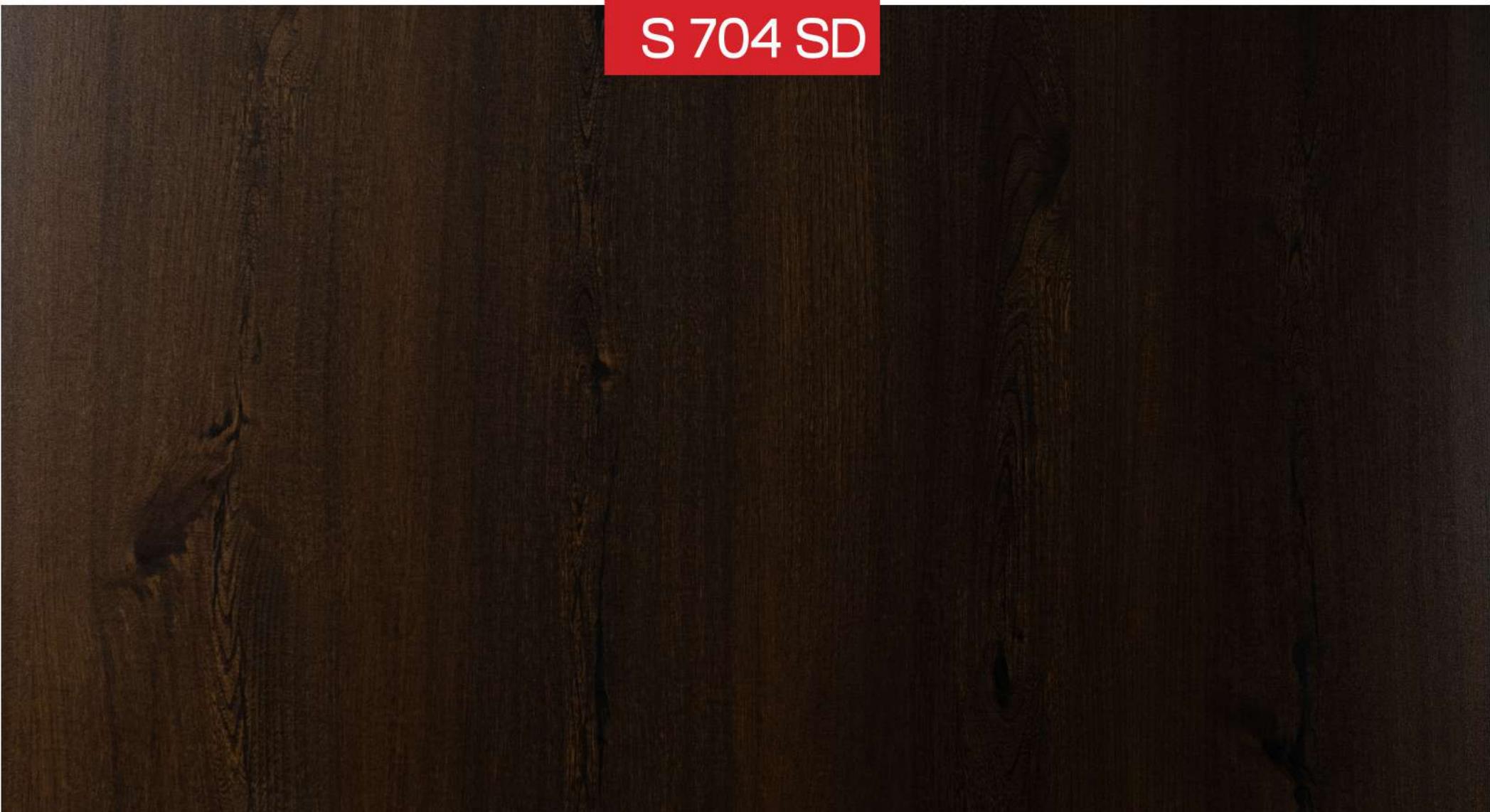


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**S 704 SD**

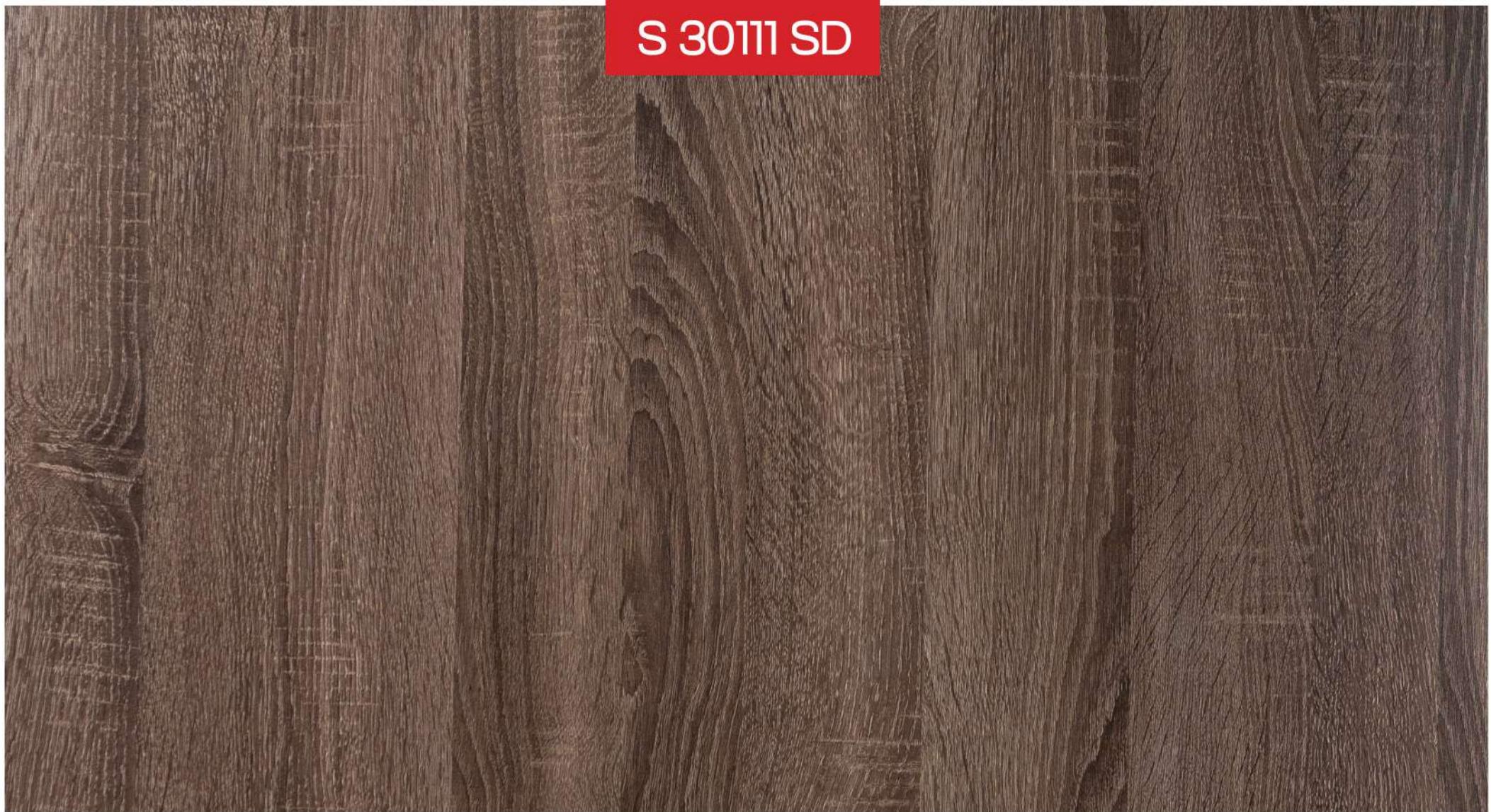


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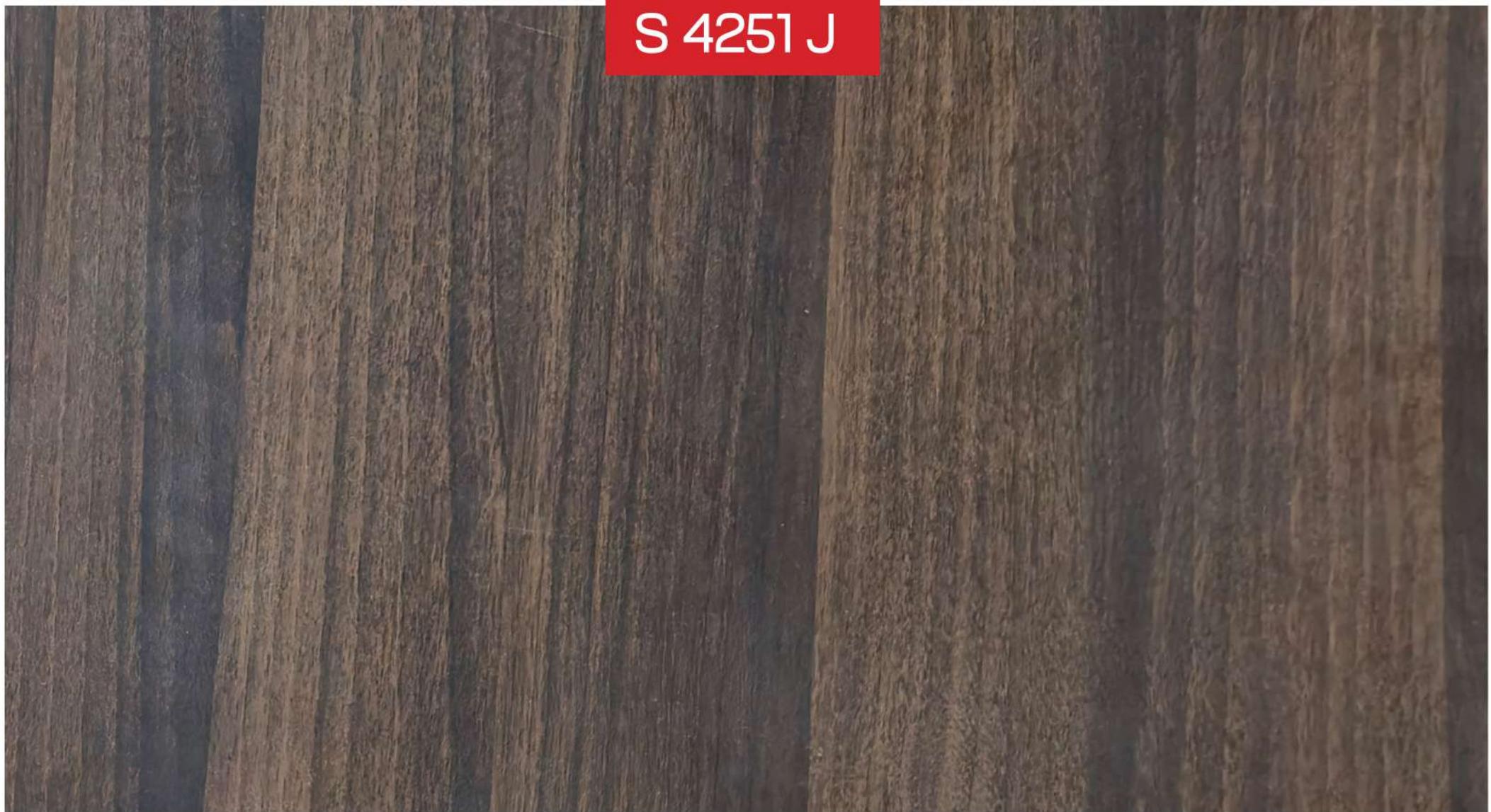


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**S 4251 J**



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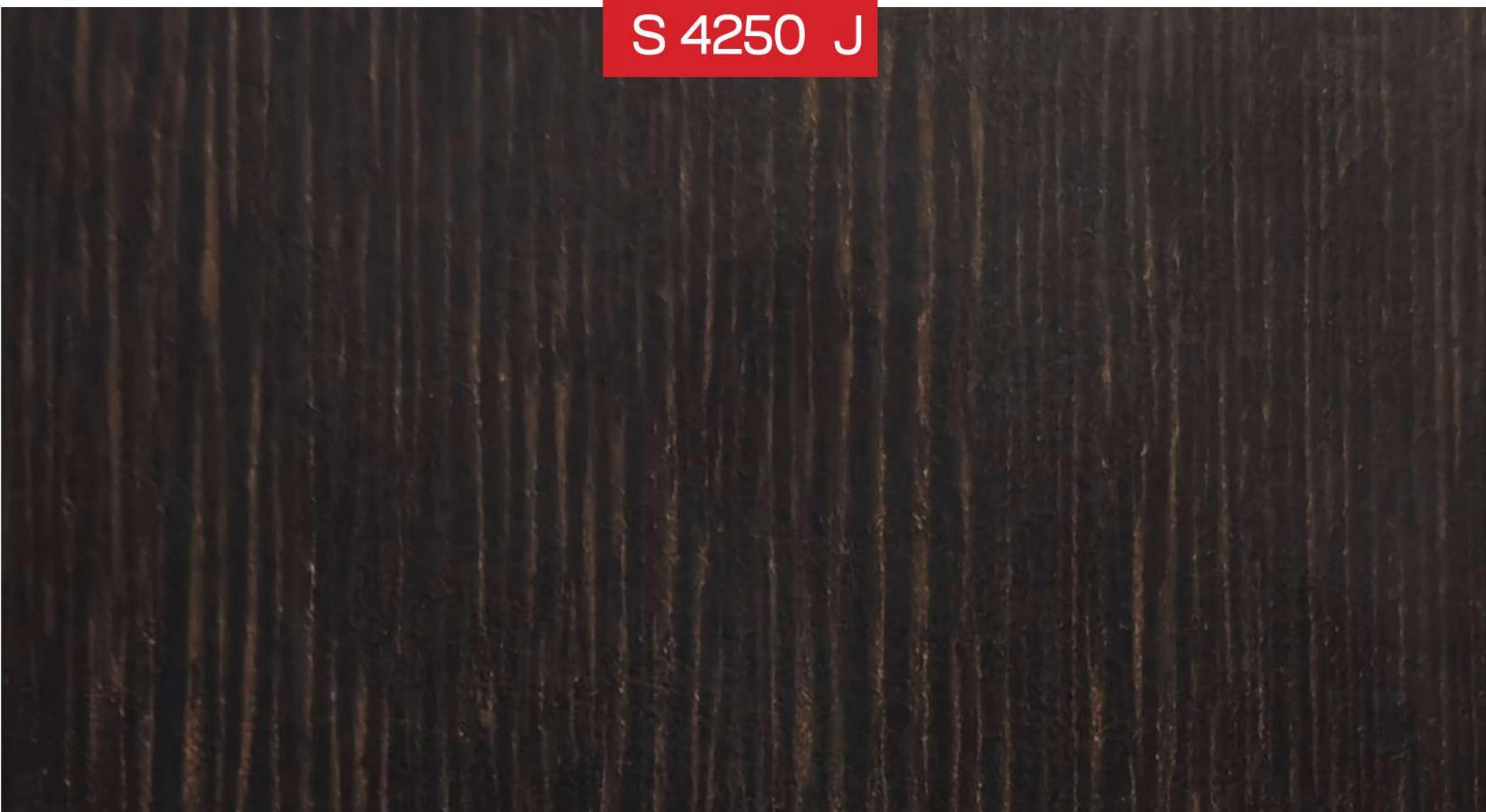
**S 712 SD**

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**S 4250 J**



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S 706 SD

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سالوميل  
SINCE 1982



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سالوميل  
SINCE 1982

**S 5448 J**

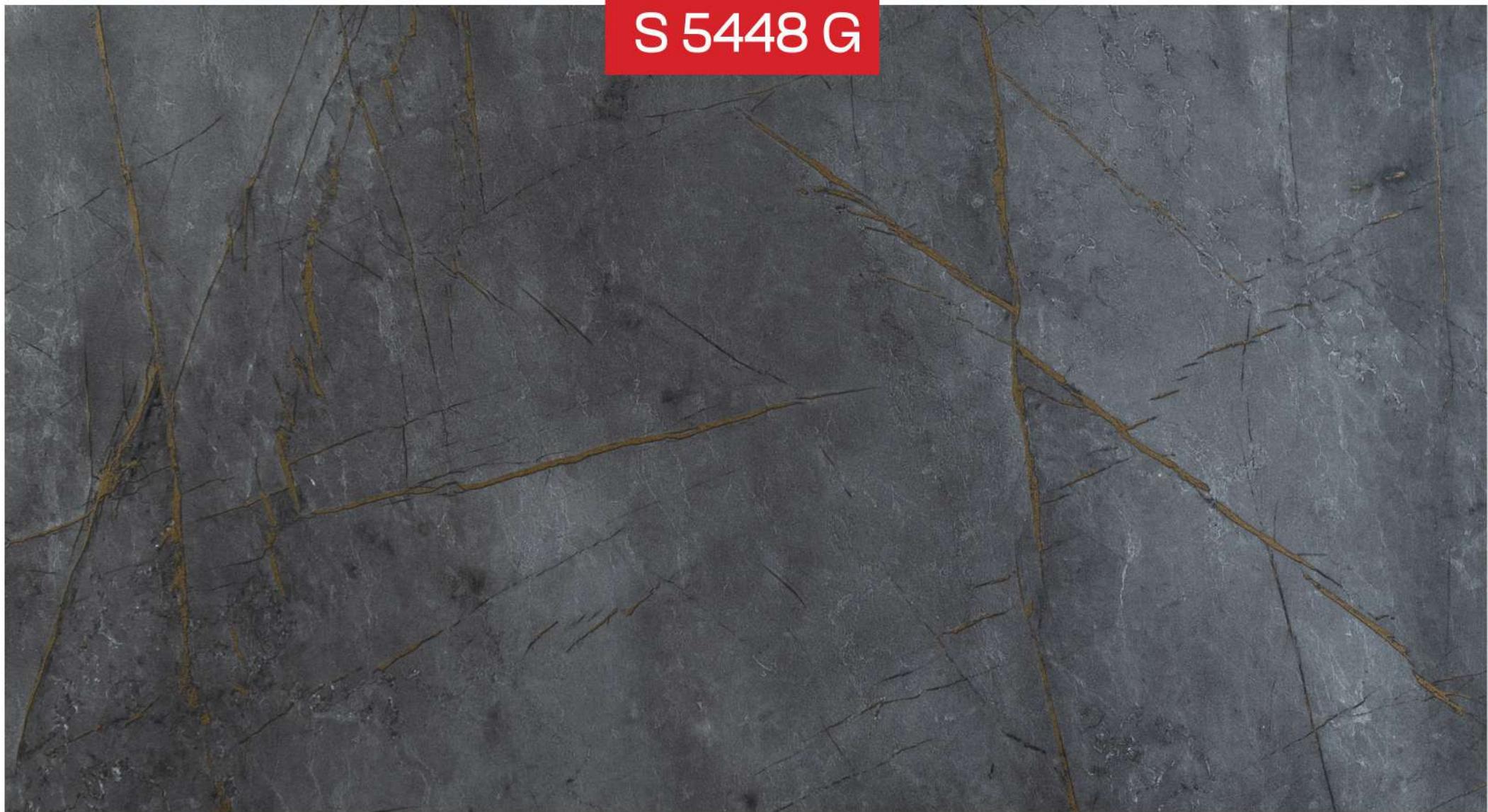


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سالوميل  
SINCE 1982

**S 5448 G**

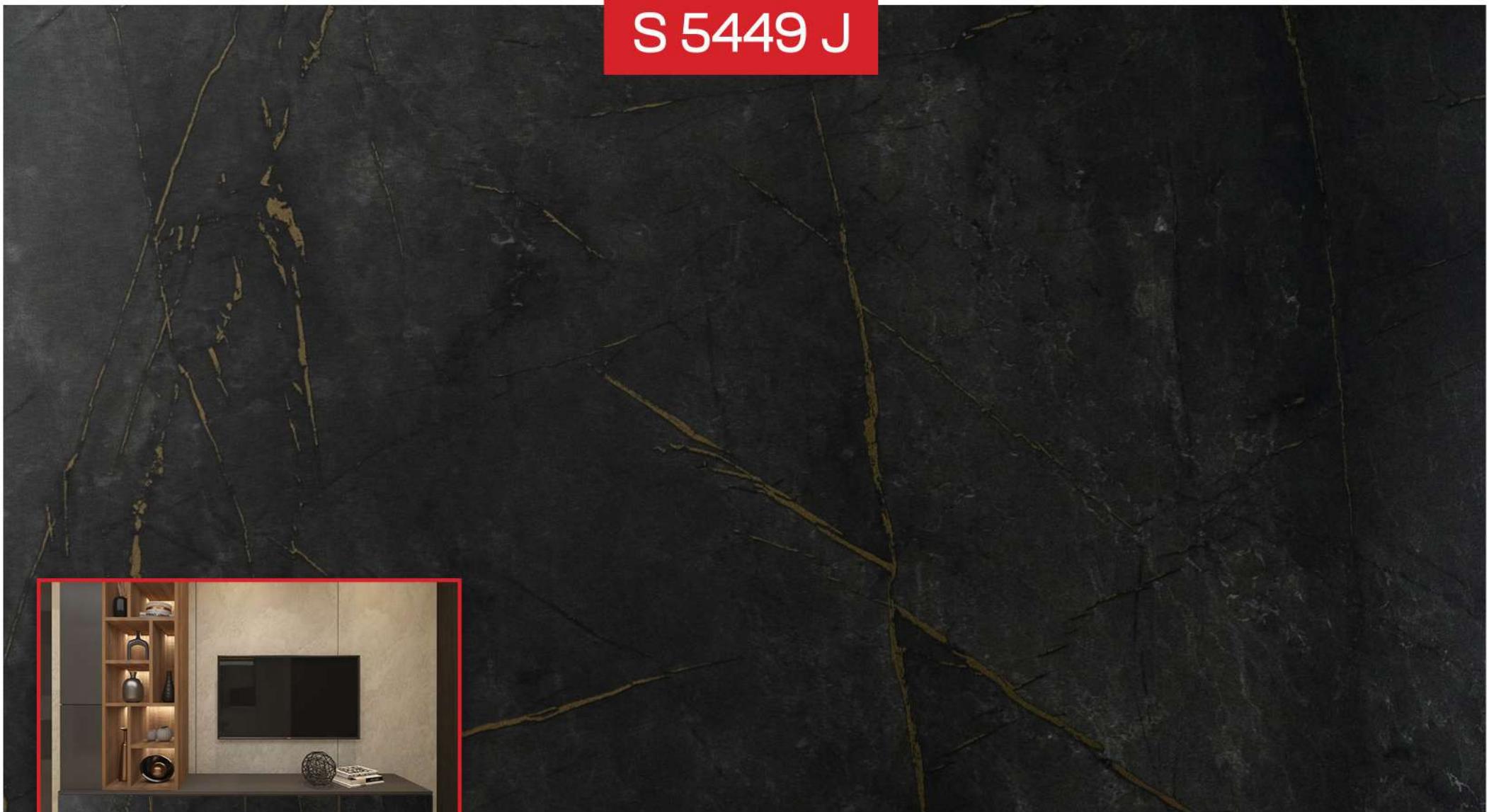


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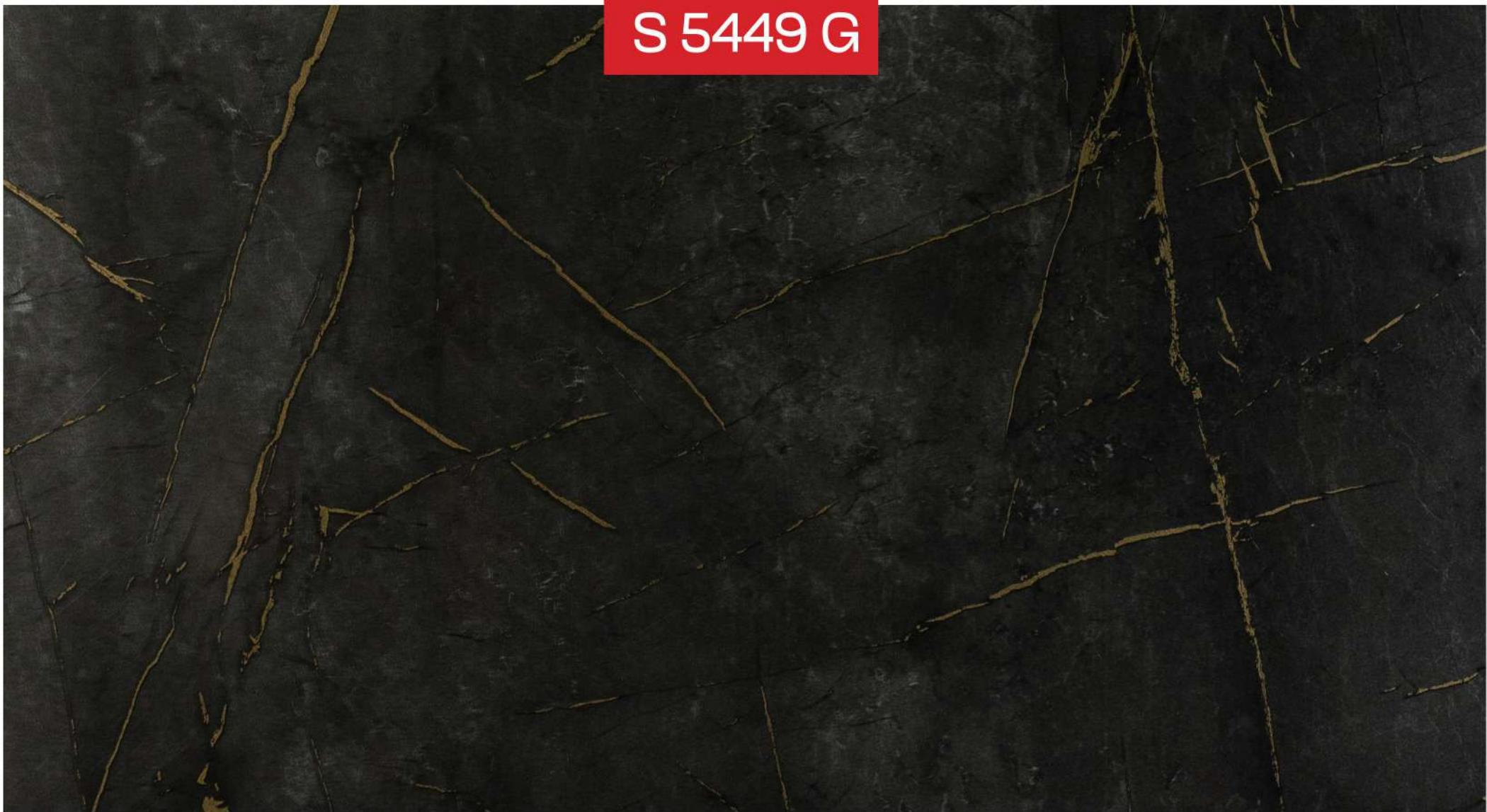


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S 5449 G

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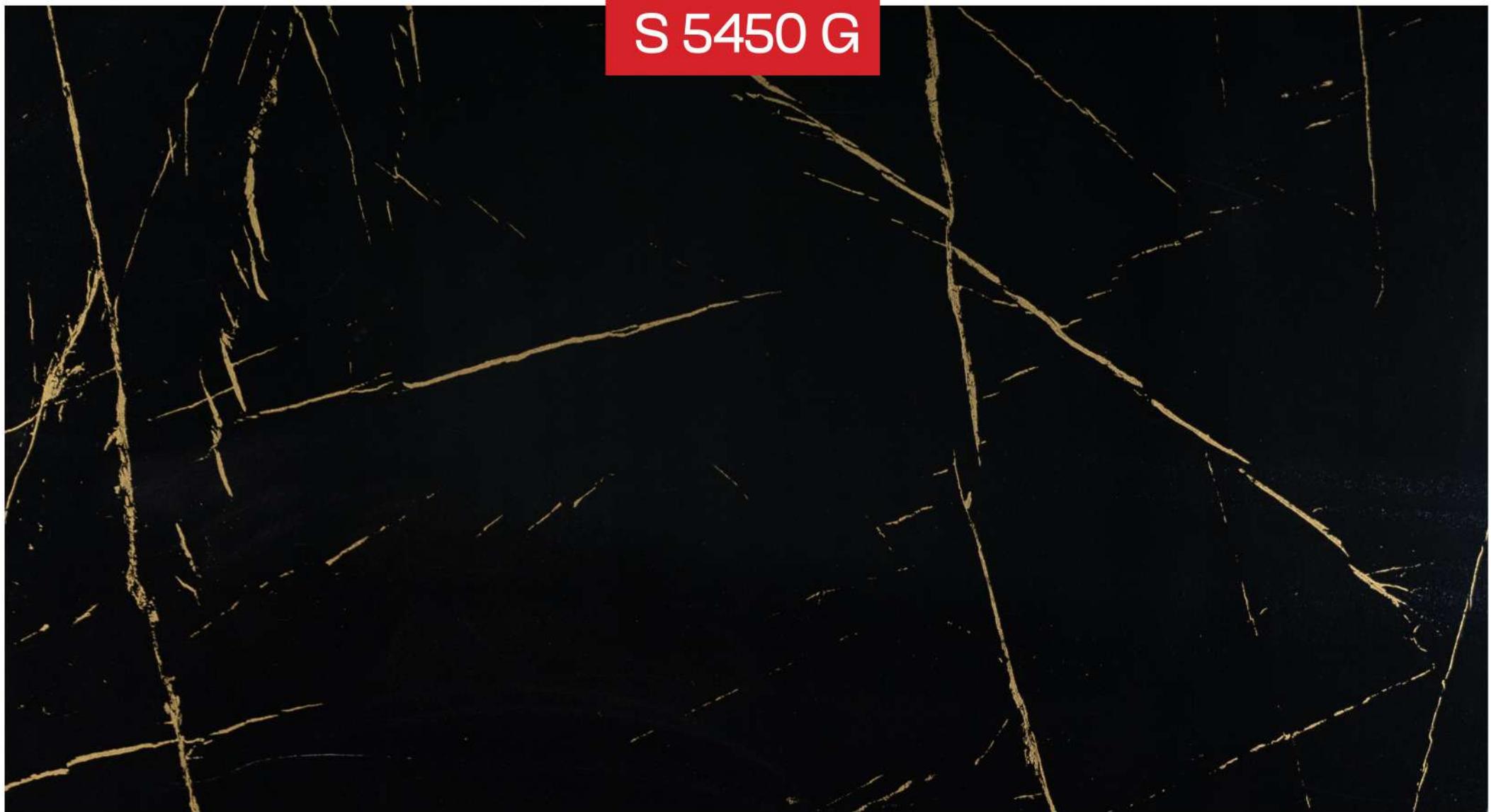


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SINCE 1982

**S 5450 G**

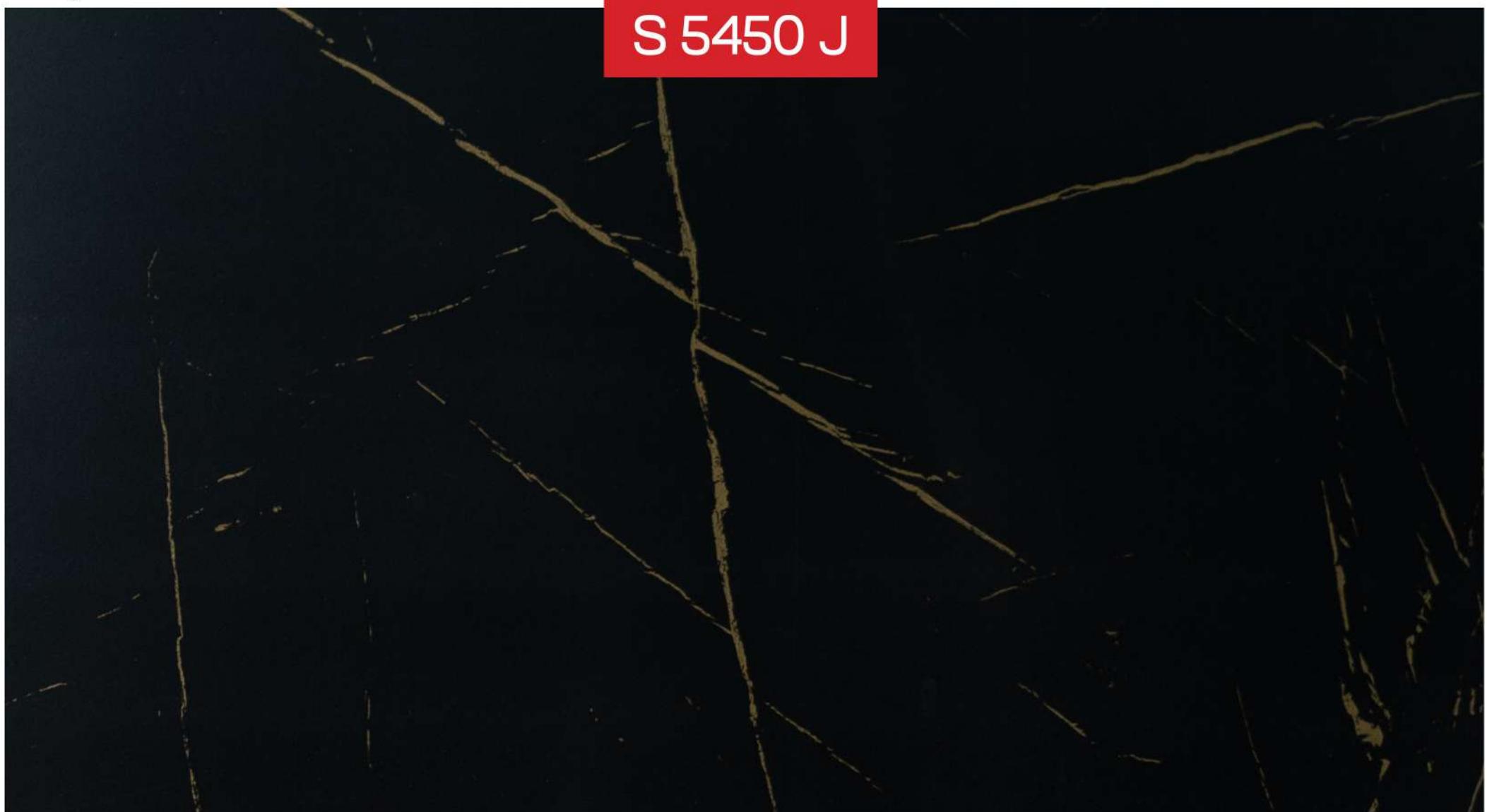


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SINCE 1982

**S 5450 J**

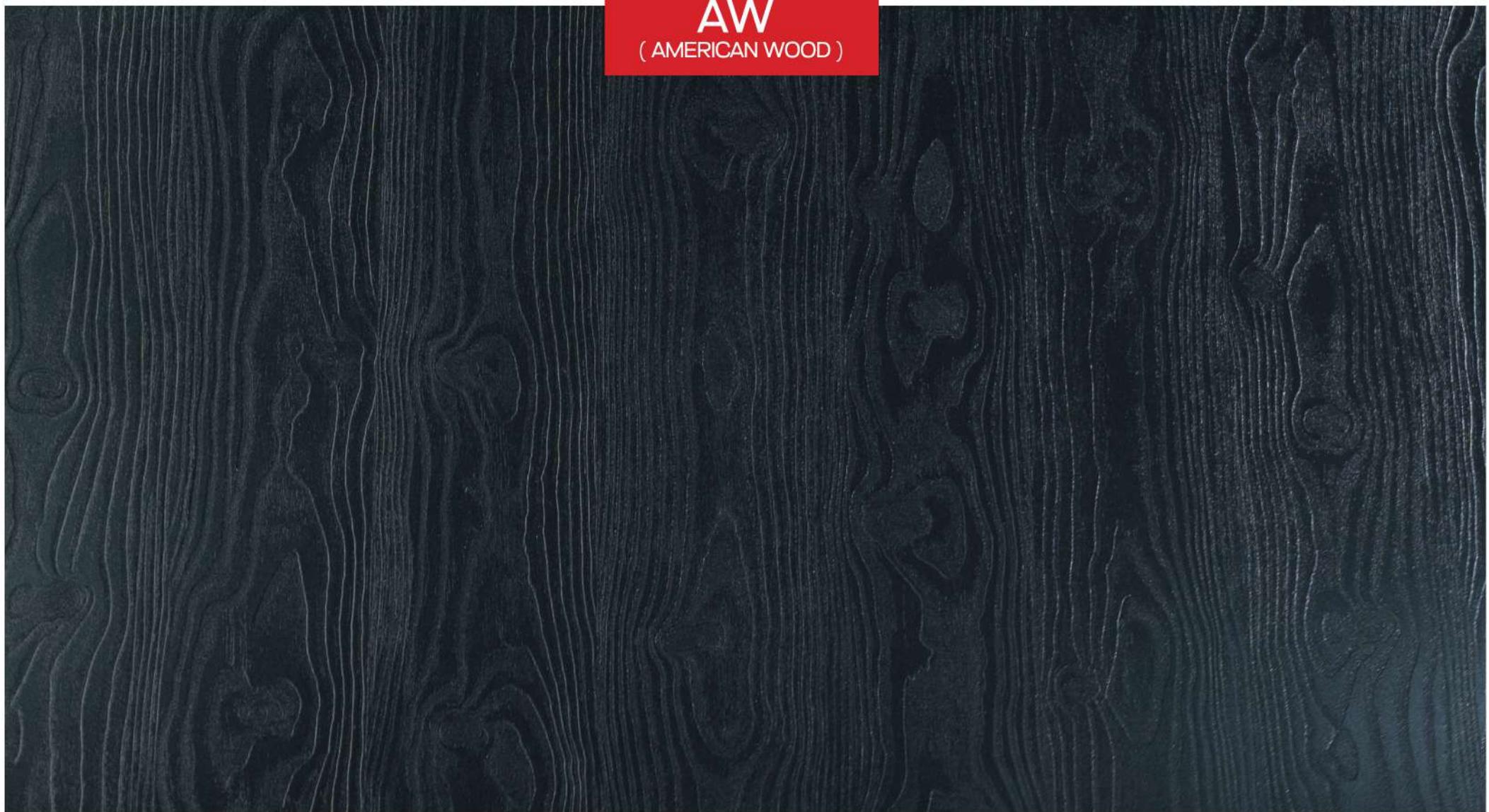


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SINCE 1982

**AW**  
( AMERICAN WOOD )



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G  
( GLOSSY )

**SALOMIL**  
سالوميل  
SINCE 1982



L  
( LEATHER )

**SALOMIL**  
سالوميل  
SINCE 1982



M  
( MATT )

**SALOMIL**  
سالوميل  
SINCE 1982



**RW**  
( REAL WOOD )

**SALOMIL**  
**سالوميل**  
SINCE 1982



**RW**  
( REAL WOOD )

**SALOMIL**  
**سالوميل**  
SINCE 1982



SD  
( SUEDE )

**SALOMIL**  
سالوميل  
SINCE 1982



T  
( TEXTILE )

**SALOMIL**  
سالوميل  
SINCE 1982



W  
( WENGE )

**SALOMIL**  
سالوميل  
SINCE 1982



X  
( MATRIX )

**SALOMIL**  
سالوميل  
SINCE 1982



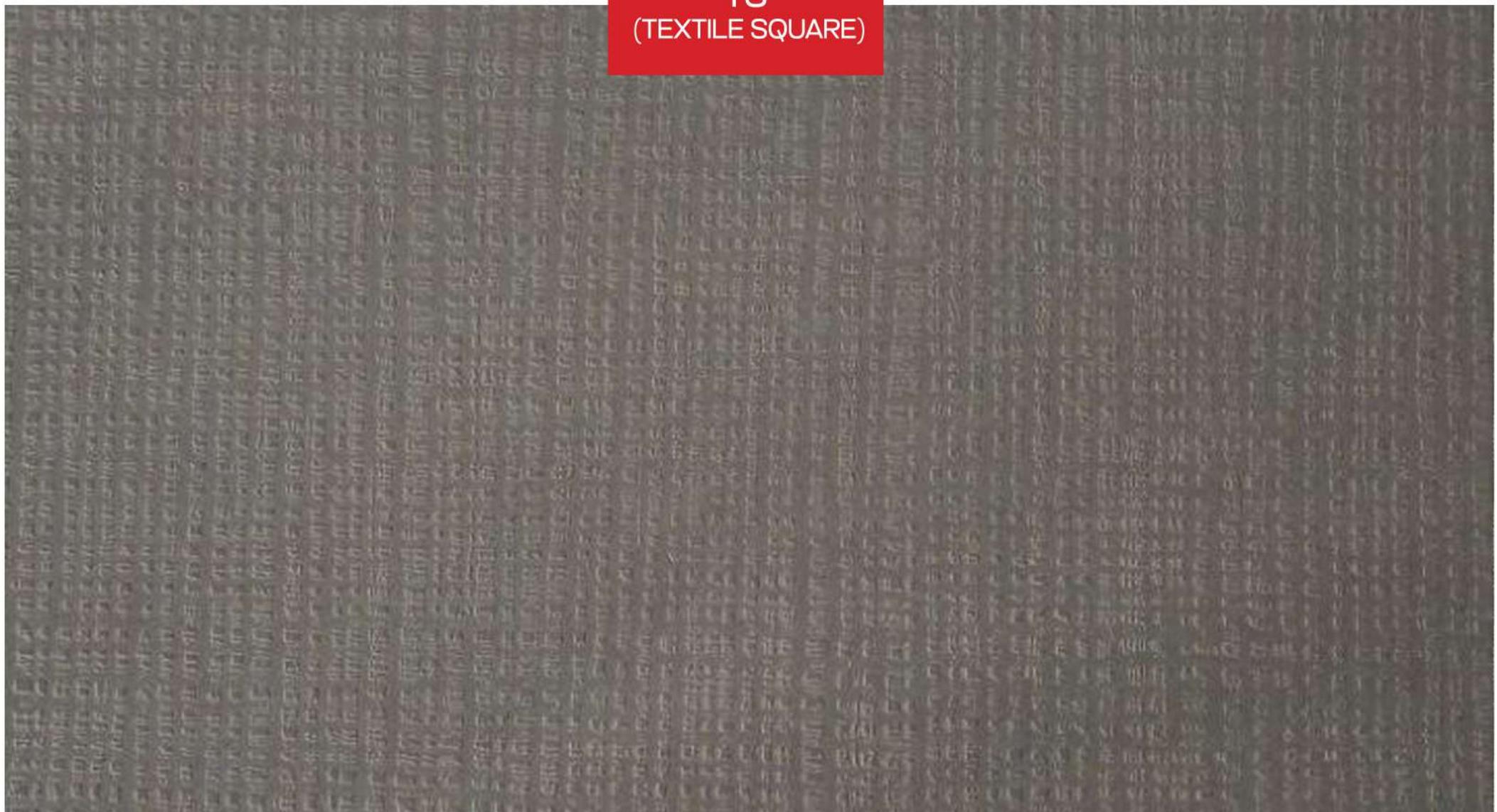
X1  
( MATRIX )

**SALOMIL**  
سالوميل  
SINCE 1982



**SALOMIL**  
سالوميل  
SINCE 1982

TS  
(TEXTILE SQUARE)

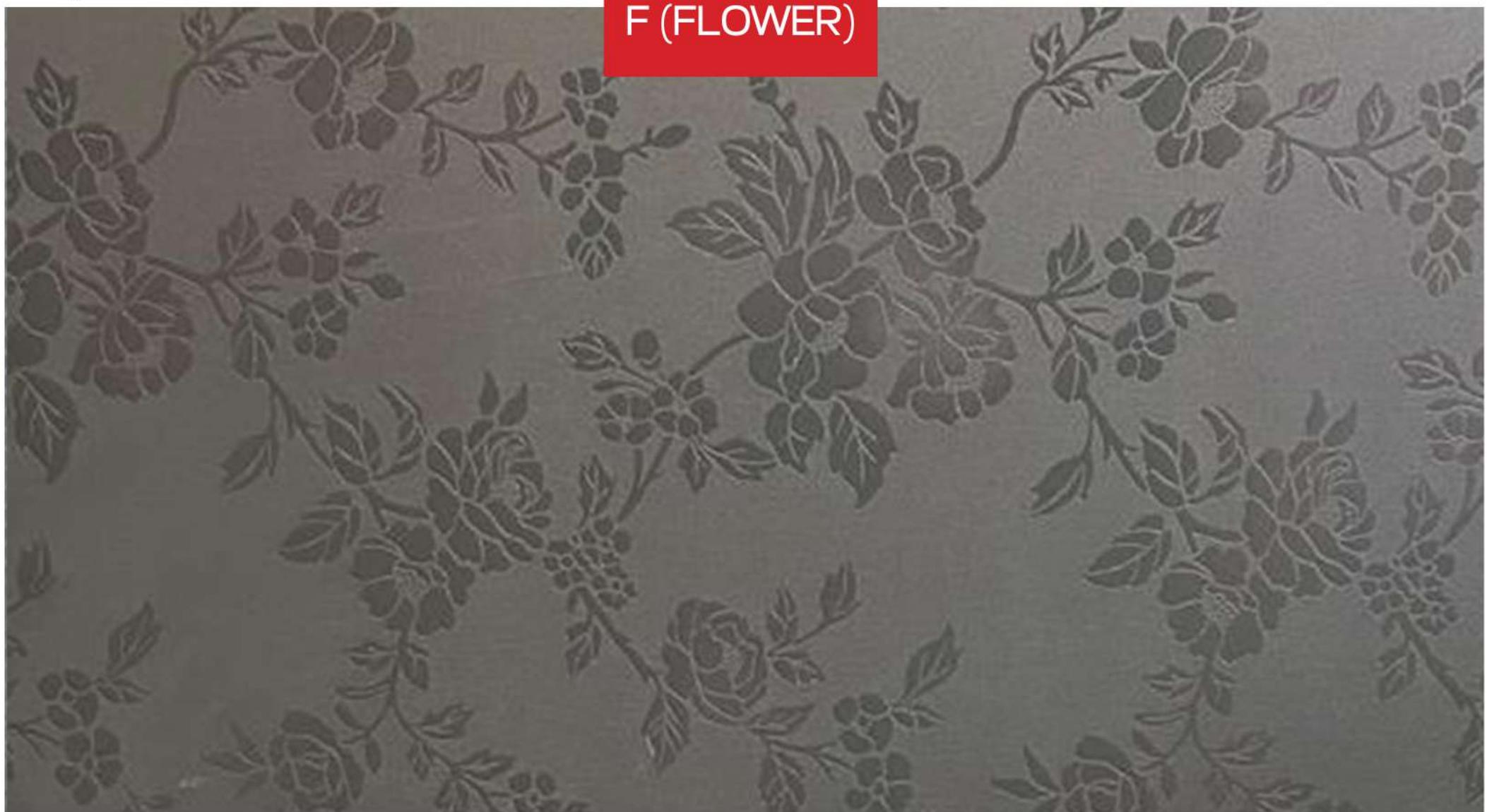


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**SALOMIL**  
سالوميل  
SINCE 1982

F (FLOWER)



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SINCE 1982

E (SQUARE)



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SINCE 1982

C  
(CHARLES OWK)



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S 30100 X

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سالوميل  
SINCE 1982



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سالوميل  
SINCE 1982

**S 30102 X**



**SALOMIL**  
سالوميل  
SINCE 1982

**S 30103 X**

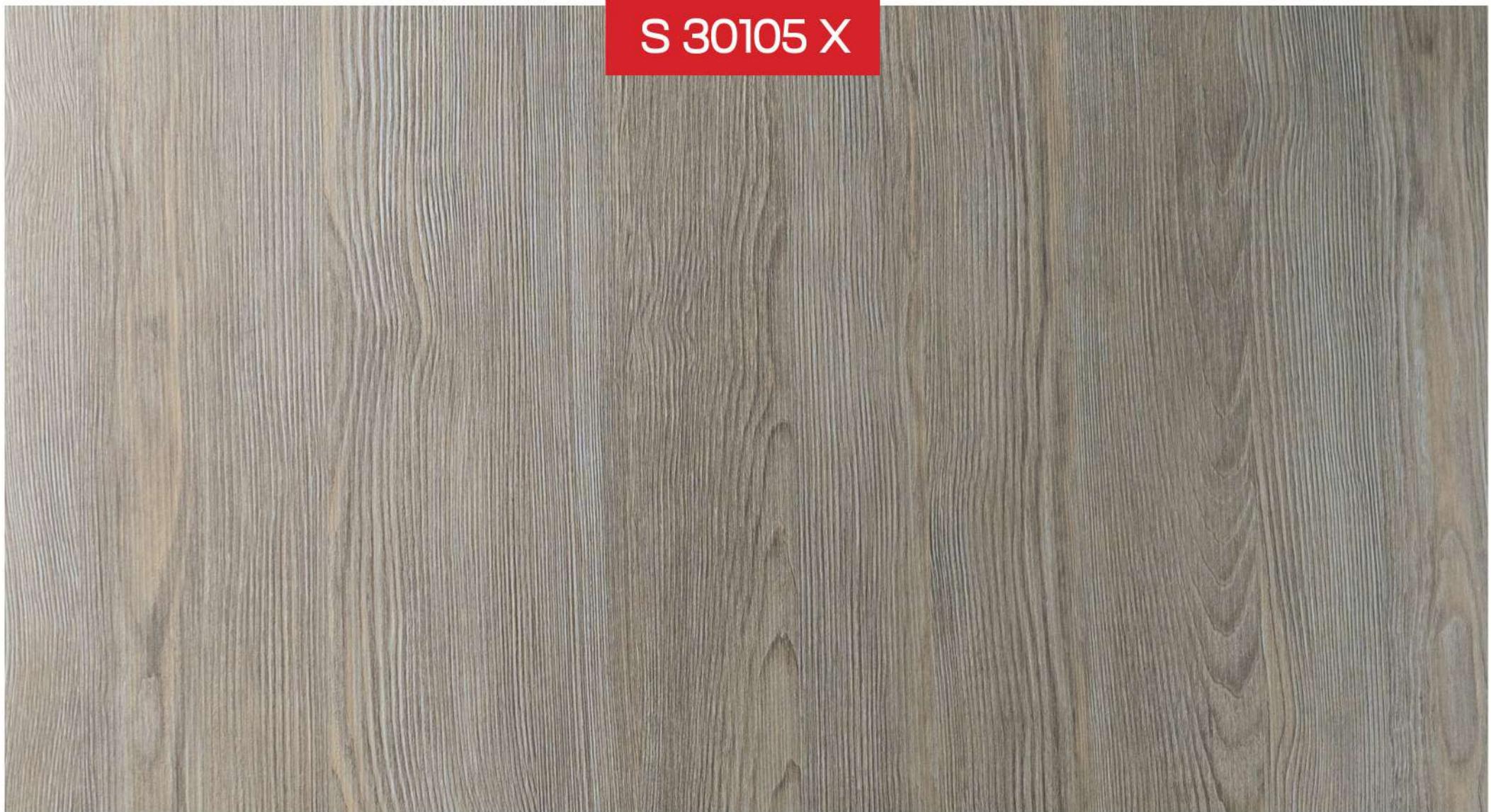


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سالوميل  
SINCE 1982

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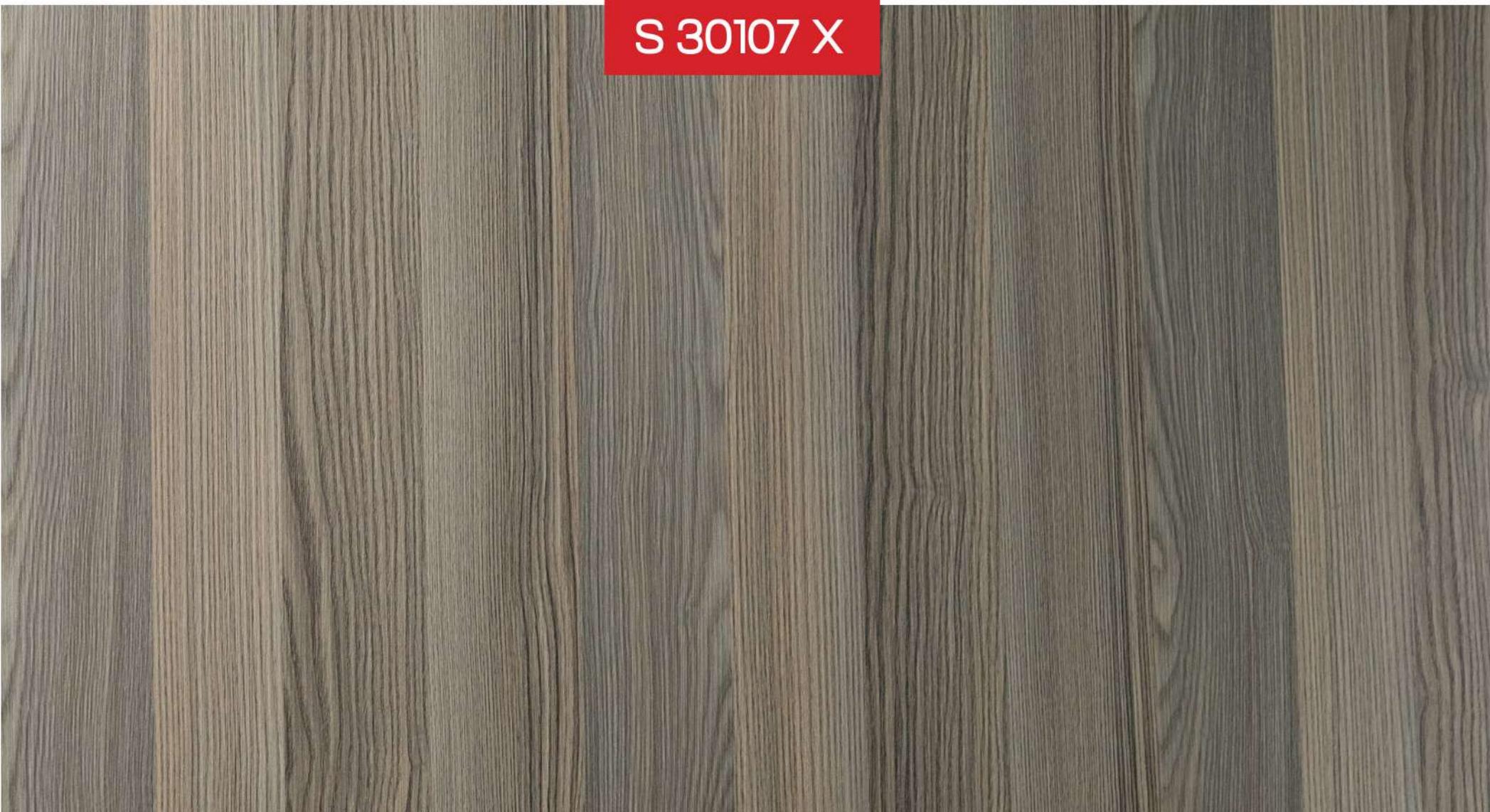


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SINCE 1982

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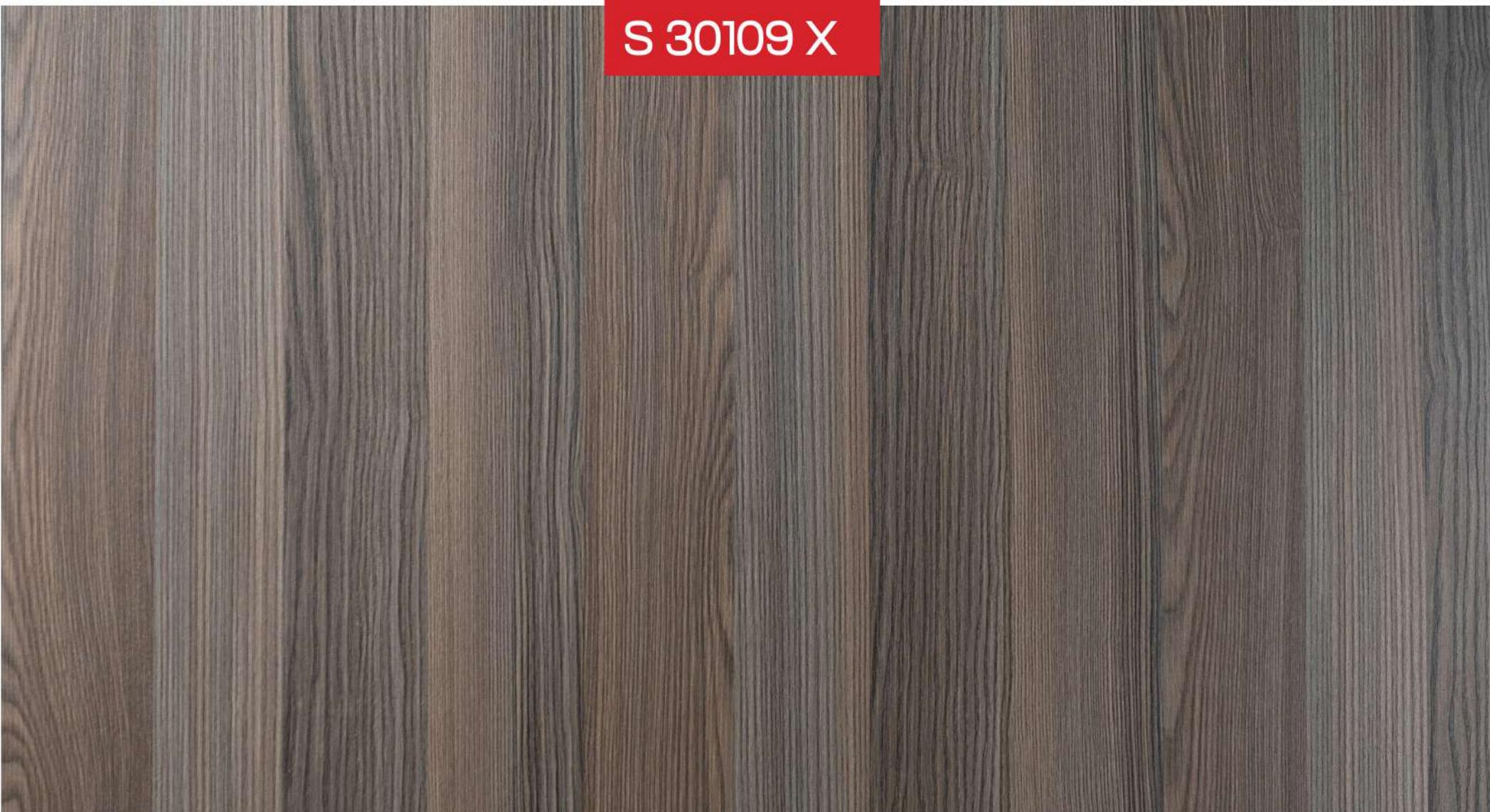


**WWW.SALOMIL.COM**



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سالوميل  
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**S 30109 X**



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**S 3011 X**



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S 30112 X

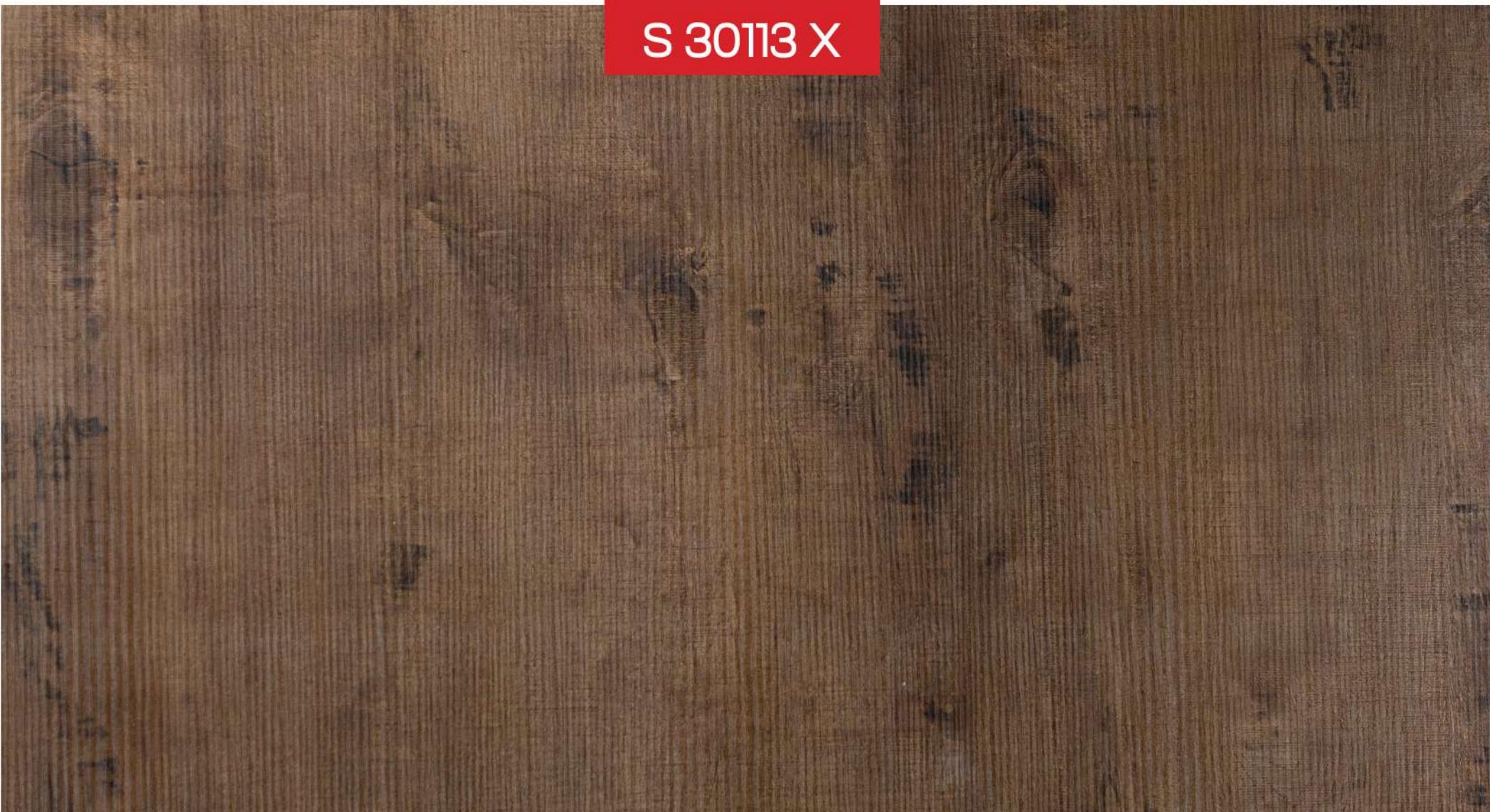
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سالوميل  
SINCE 1982

S 30116 X



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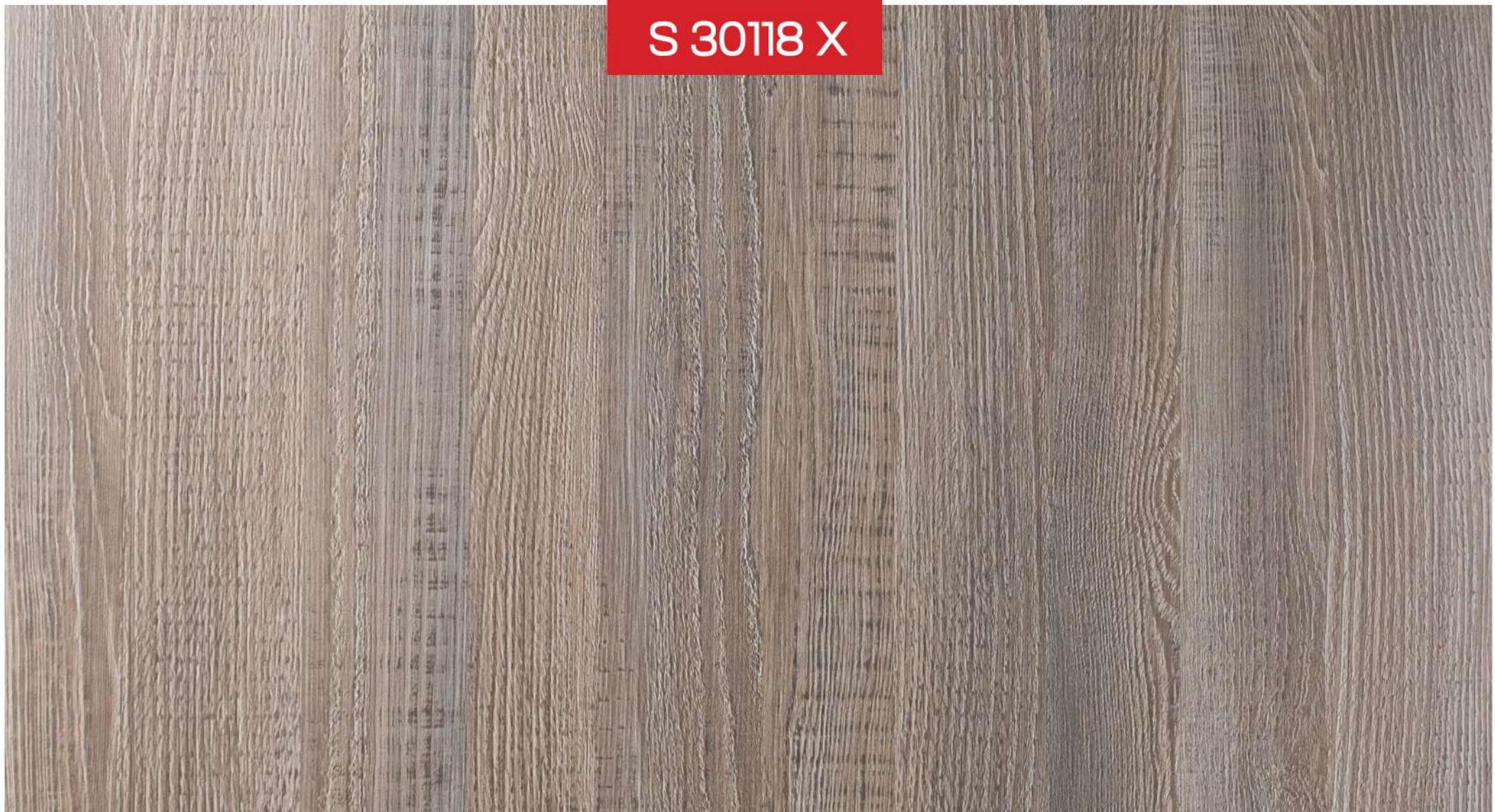
S 30117 X

**SALOMIL**  
سالوميل  
SINCE 1982



**SALOMIL**  
سالوميل  
SINCE 1982

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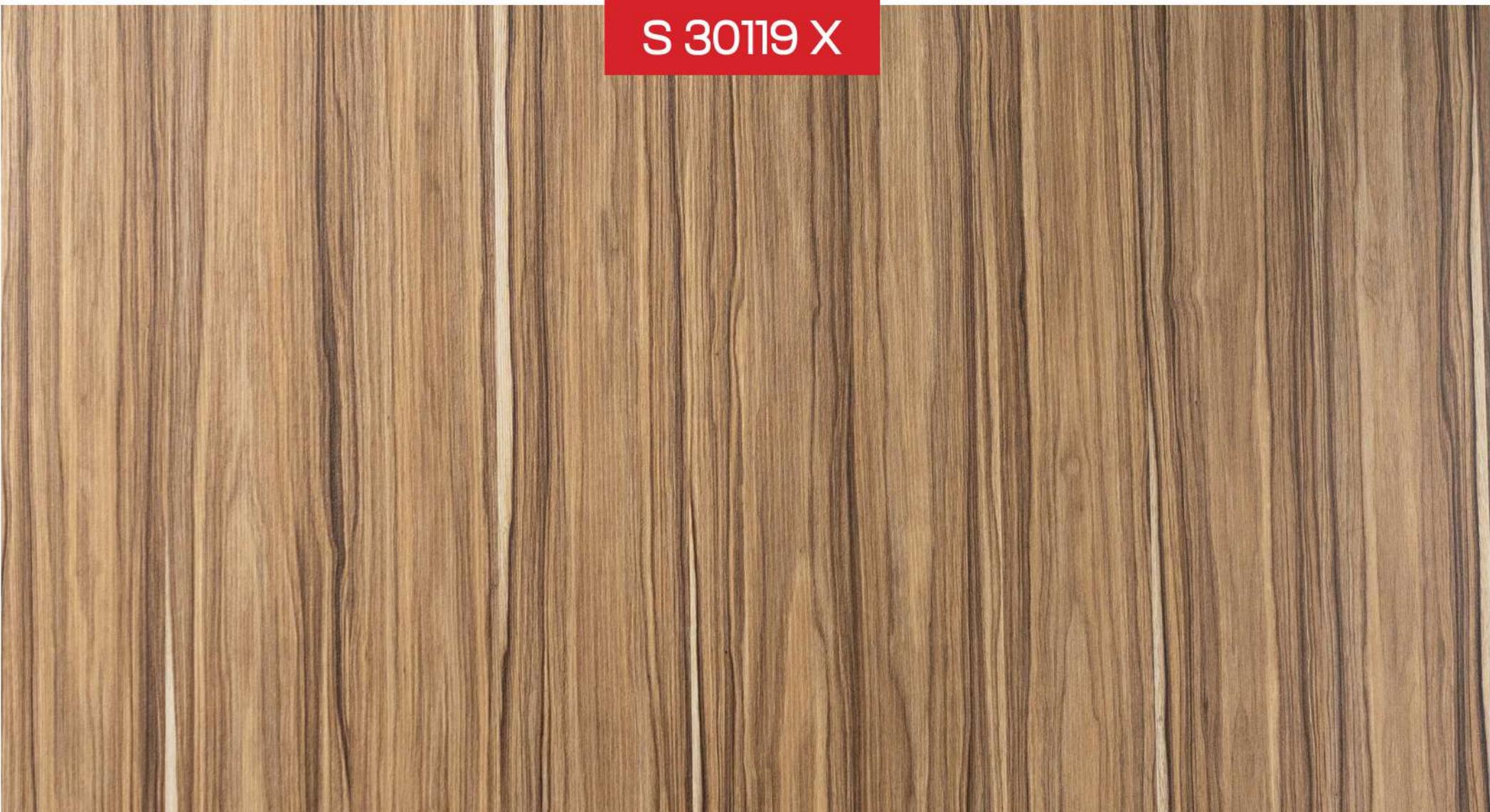


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**SALOMIL**  
سالوميل  
SINCE 1982

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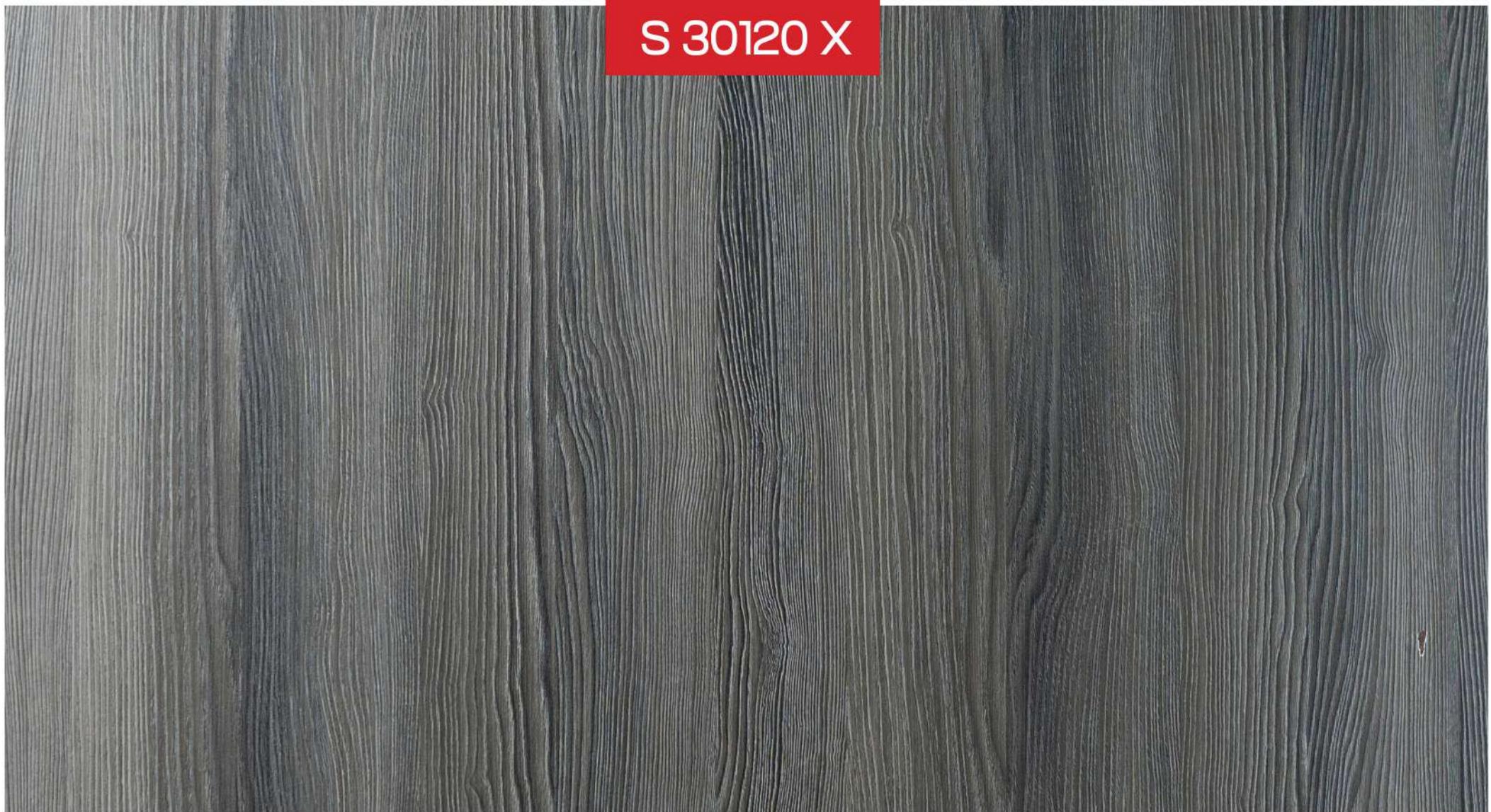


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SINCE 1982

**S 30120 X**

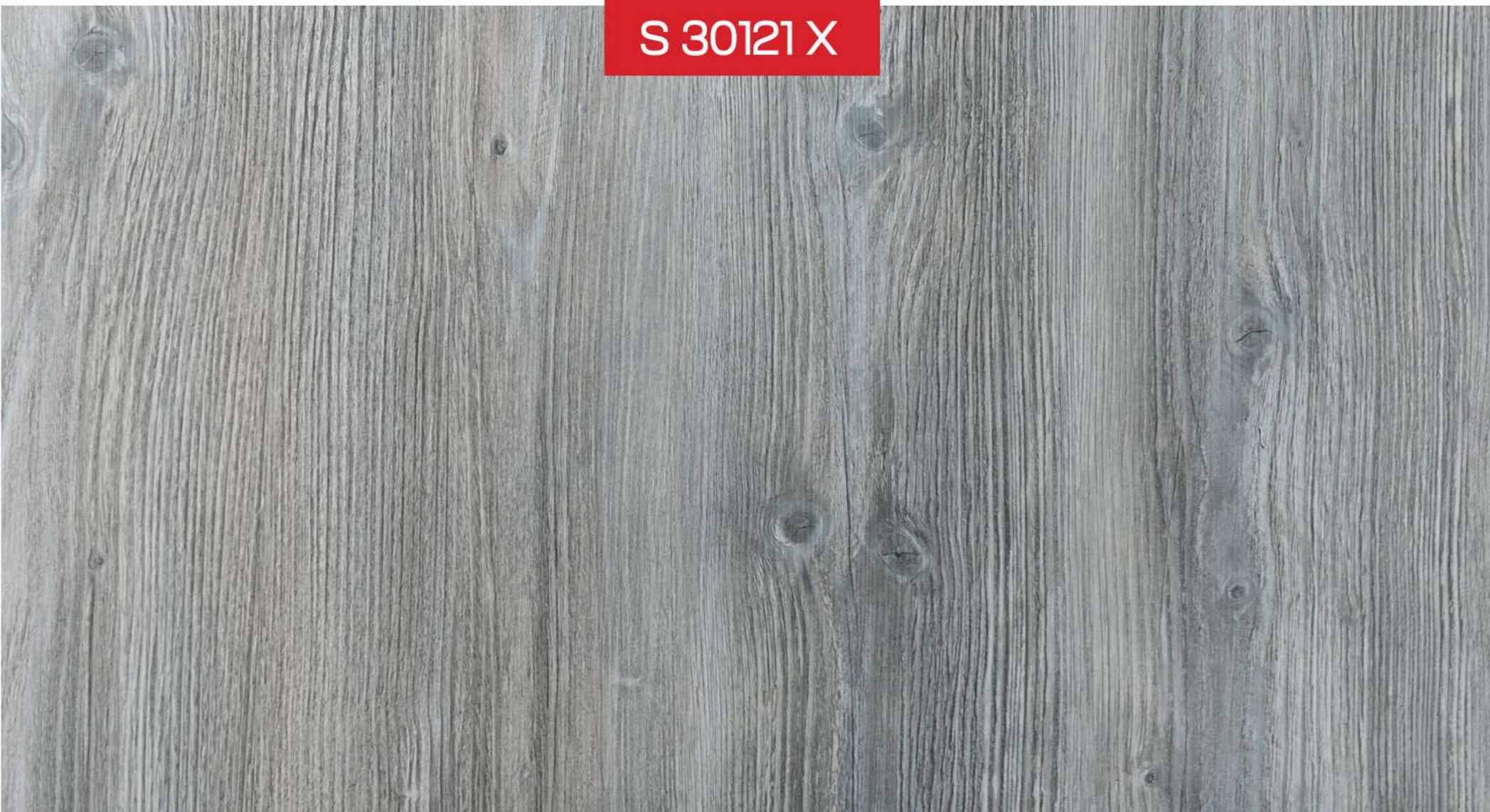


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S 30121 X



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سالوميل  
SINCE 1982

**S 30124 X**



S 30125 X

**SALOMIL**  
سالوميل  
SINCE 1982



**SALOMIL**  
سالوميل  
SINCE 1982

**S 30126 X**

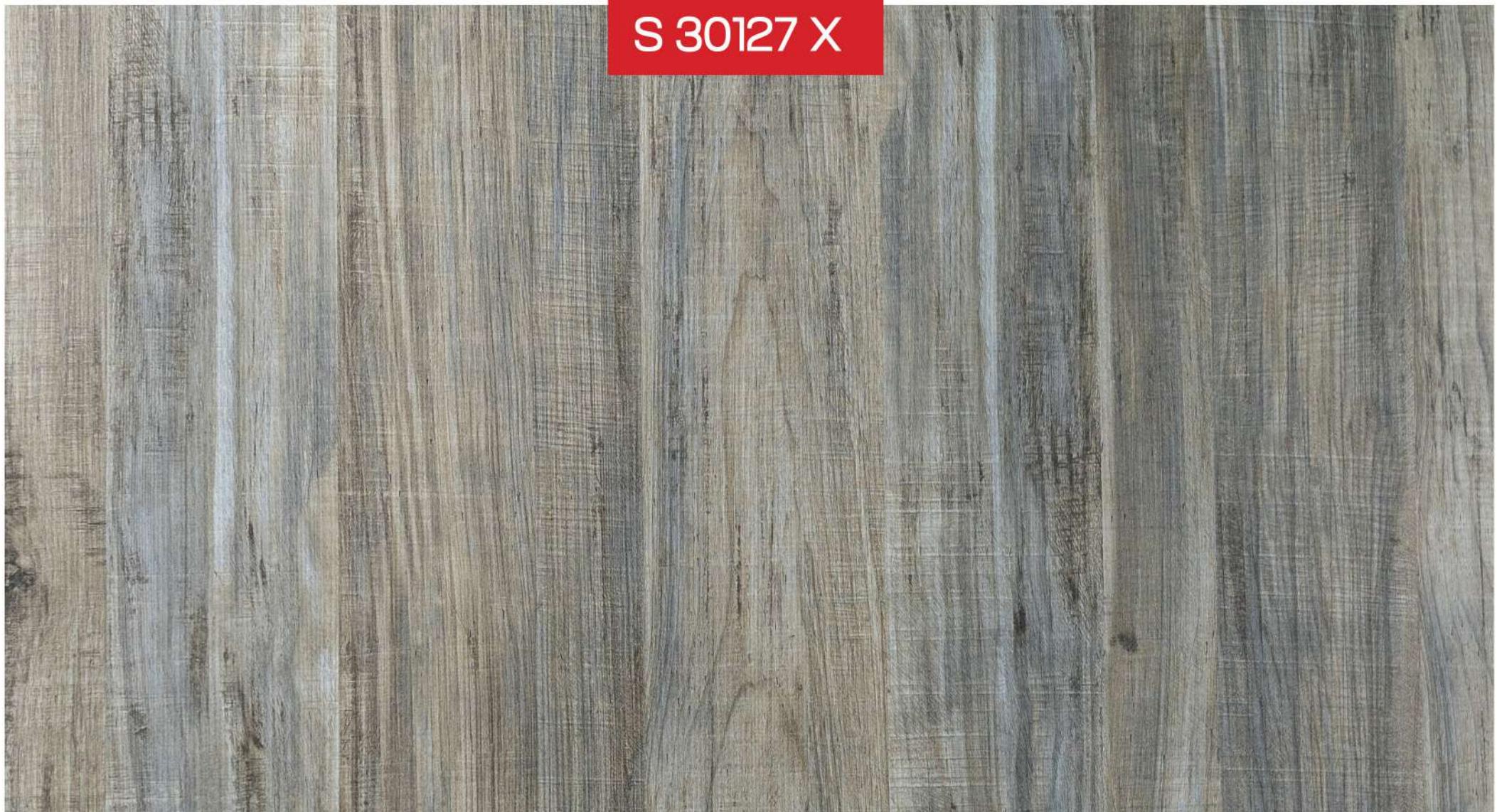


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SINCE 1982

**S 30128 X**

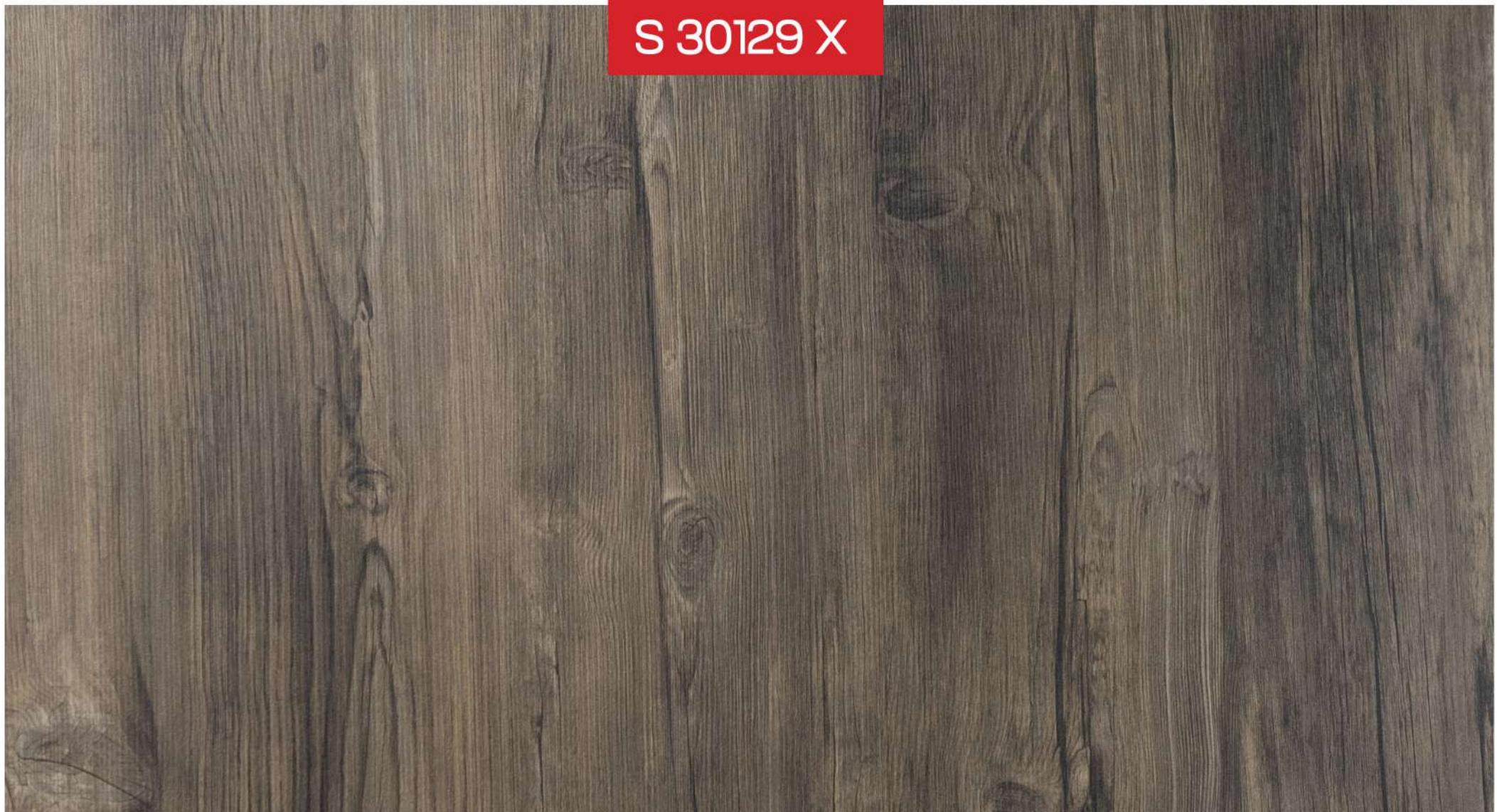


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**SALOMIL**  
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S 30129 X

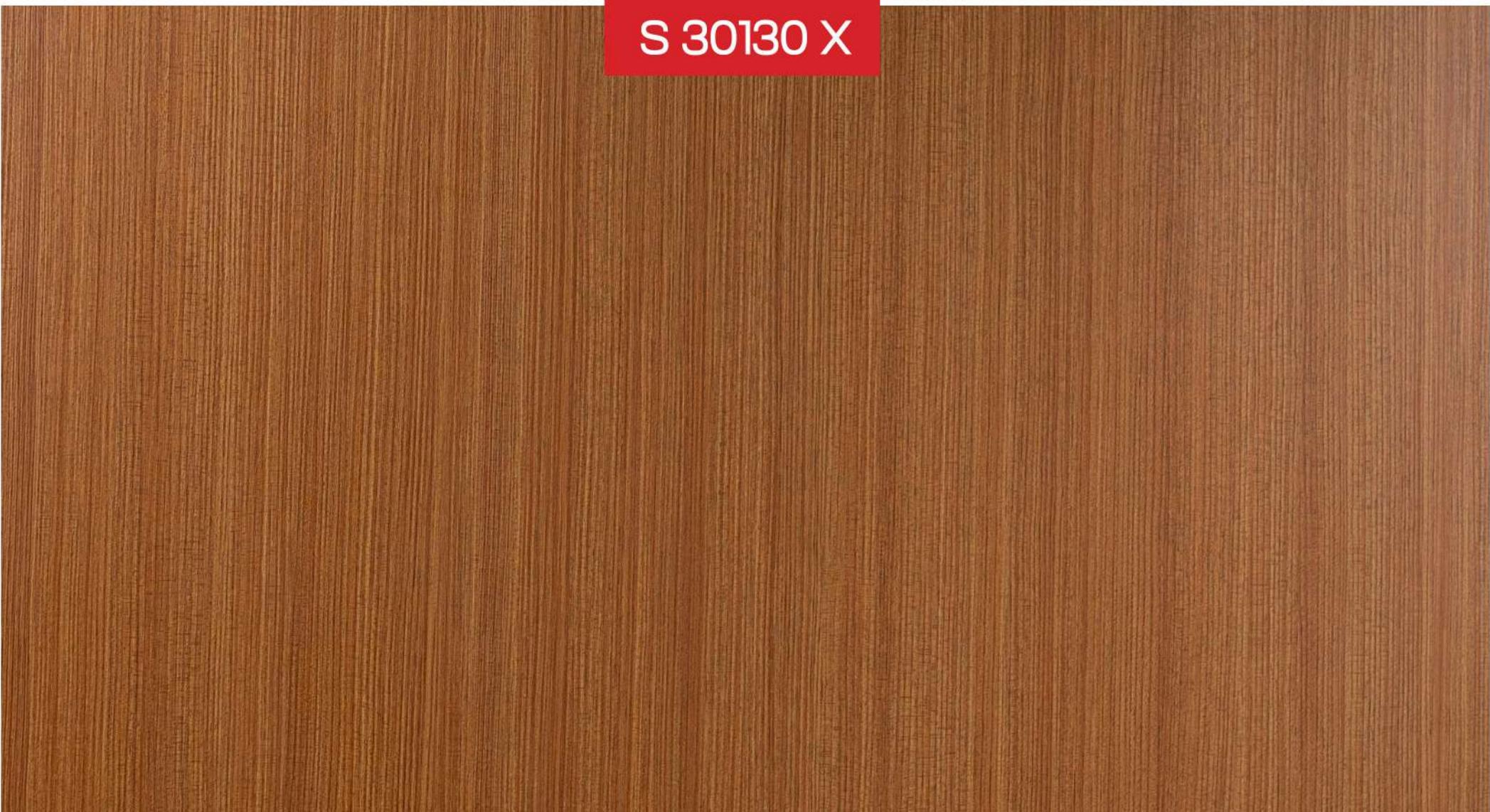


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سالوميل  
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**S 30130 X**

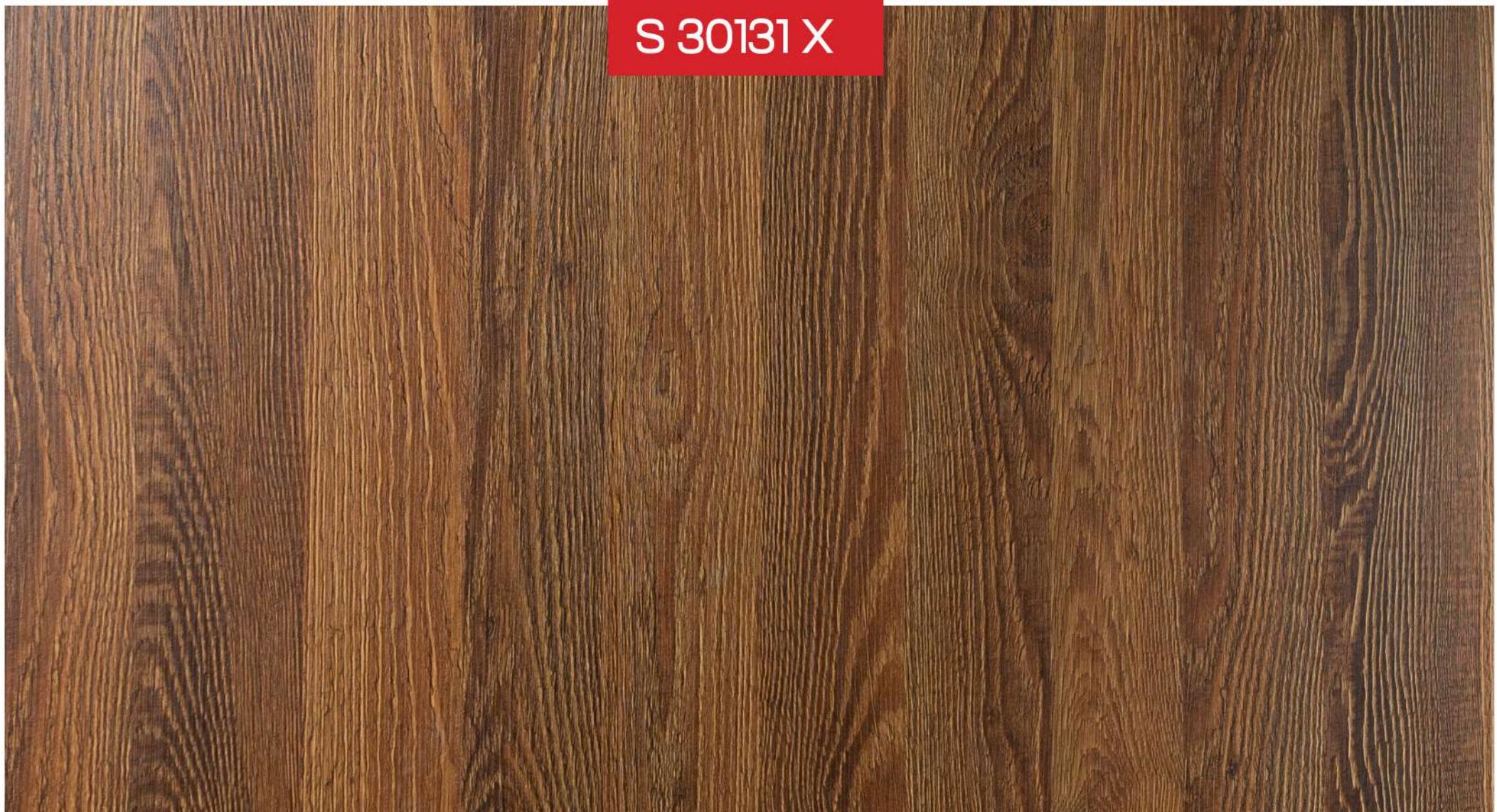


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**S 702 X**



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S 703 X

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SINCE 1982



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SINCE 1982

**S 704 X**

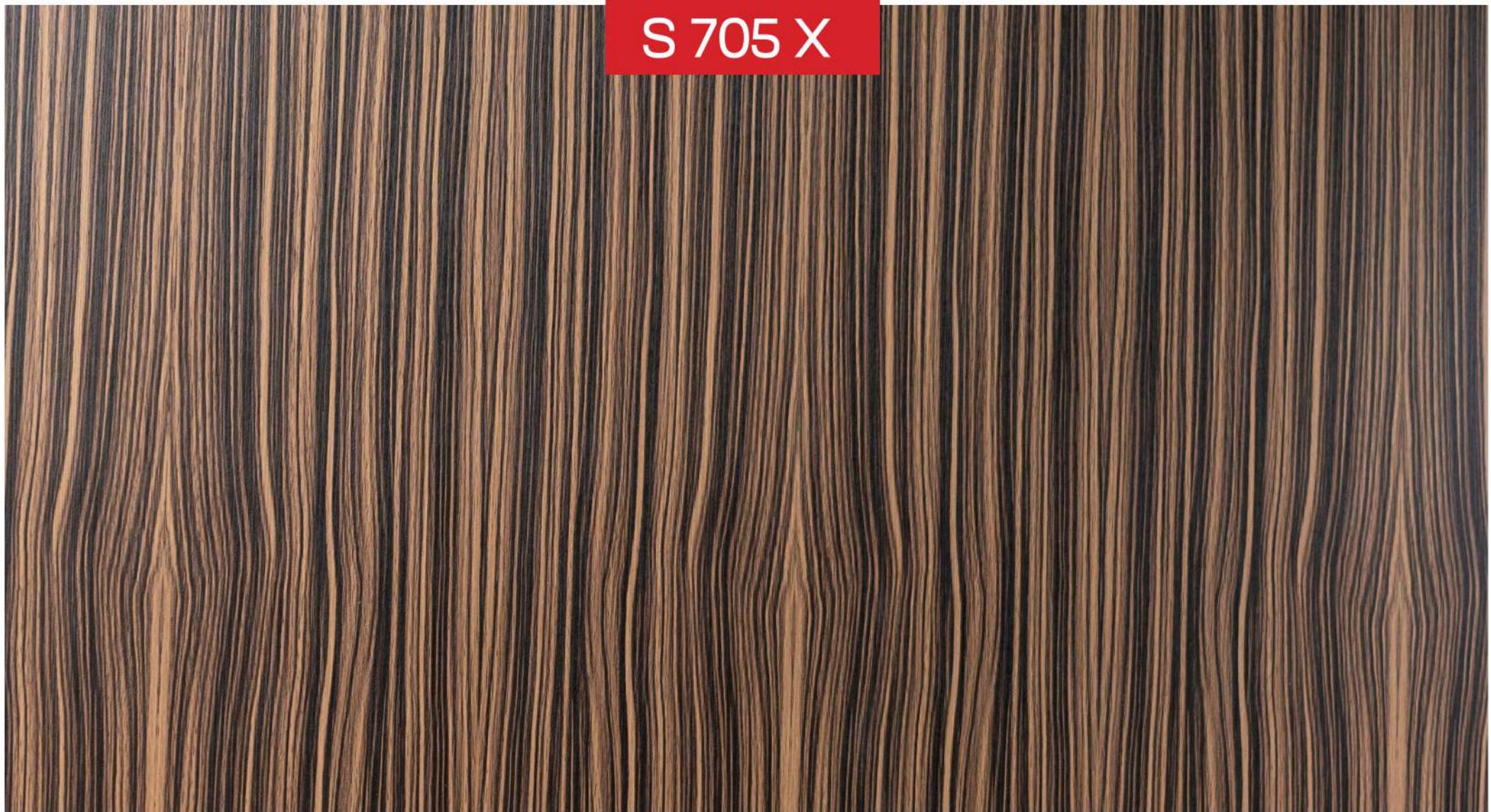


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**S 707 X**



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**S 708 X**



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**S 709 X**

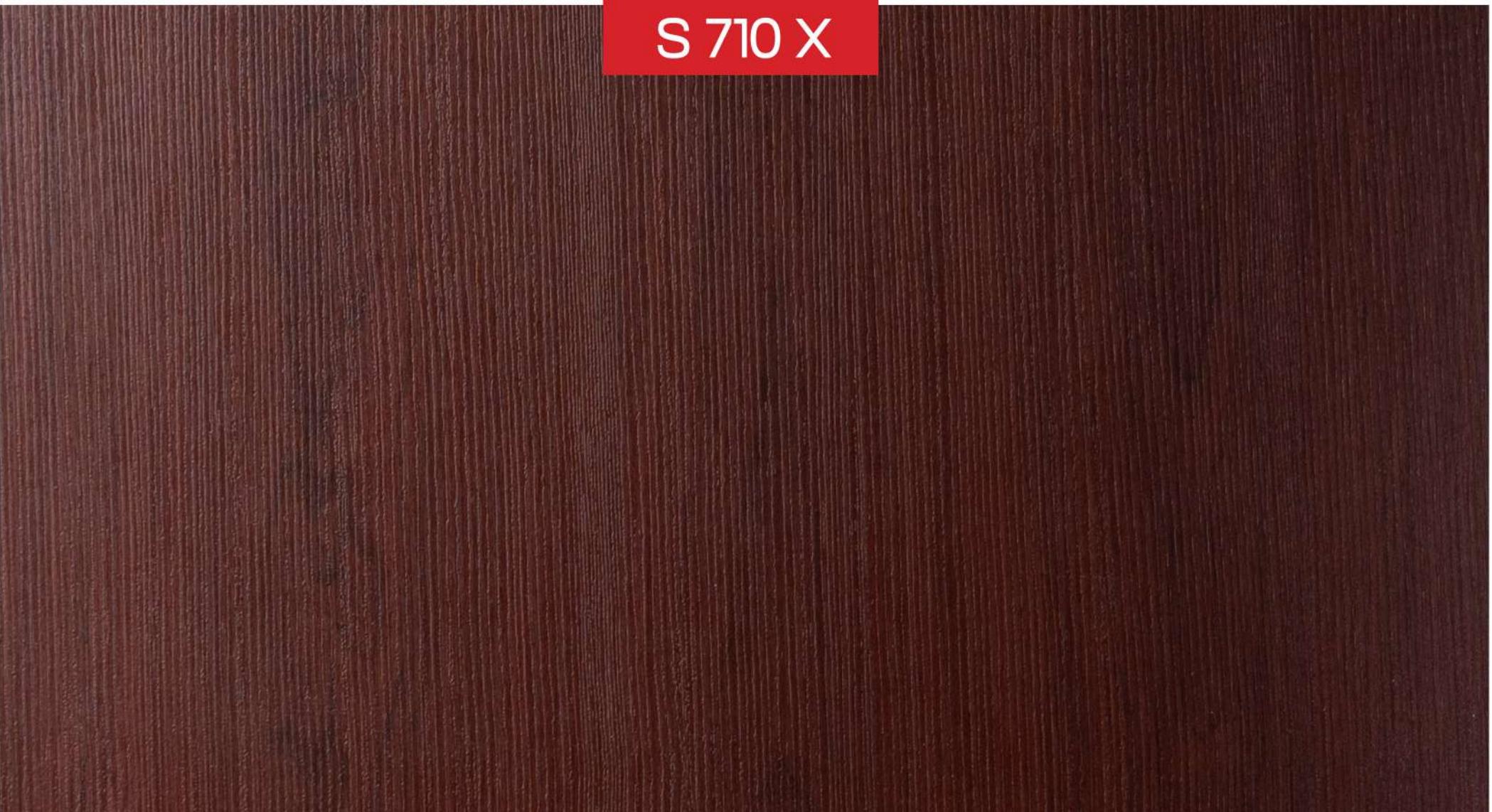


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**S 710 X**



[WWW.SALOMIL.COM](http://WWW.SALOMIL.COM)



S 711 X

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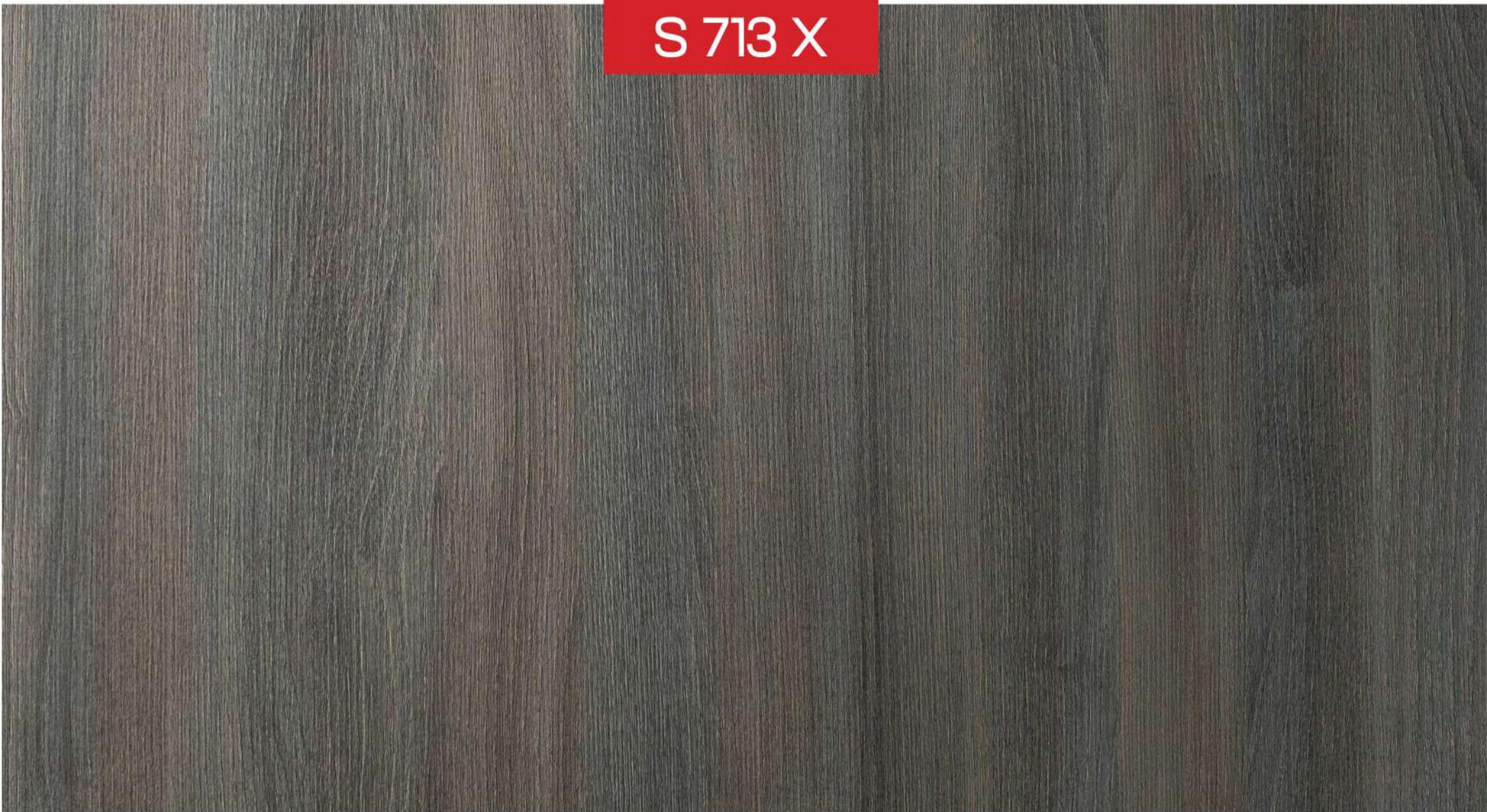
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# 1. Description

The materials referred to are high pressure decorative laminates (Salomil HPL) according to the European Standard EN 438.

Salomil Laminates are sheets consisting of layers of cellulose fibrous material (normally paper) impregnated with thermosetting resins and bonded together with the high pressure process.

Basically more than 60% of Salomil Laminates consists of paper and the remaining

30 to 40% consists of cured phenol-formaldehyde resin for the core layers and melamine-formaldehyde resin for the surface layers.

Salomil HPL is supplied in sheet form in a variety of sizes, thicknesses and surface textures.

## **2. Storage and Transportation**

Storage and transportation should be carried out in accordance with the general

processing recommendations for HPL; no special precautions need to be taken.

For transportation, Salomil Laminates are classified as a non-hazardous product;

no labeling is required.

## **3. Handling and Machining of Salomil Laminate**

The usual safety requirements of fabrication and machining should be concerned with regard to dust collection, dust extraction and fire prevention.

Because of the possibility of sharp edges, protective gloves should always be worn when handling laminates.

Contact with dust from Salomil Laminates does not present any special problems,

however a small percentage of personnel may be sensitive or even allergic to machining dust in general

## 4. Environmental and Health Aspects

Salomil decorative laminates are cross-linked and cured therefore they are chemically inert. Due to their very low permeability, Salomil Laminates bonded to wood based substrates act as a barrier against possible gaseous emissions coming out of the substrates.

Salomil Laminates has no migration affection food, hence they are approved of direct contact with foodstuff.

The decorative surfaces are resistant to all common household solvents and

chemicals and have therefore been used for many years in applications where

cleanliness and hygiene are required.

The non-porous surface and edges are easy to disinfect with hot water, steam and

common types of disinfectants in hospitals and other commercial facilities.

## 5. Maintenance

As Salomil Laminates do not suffer from corrosion and oxidation, they do not need any further surface protection (lacquers or paints) and no maintenance apart from cleaning is needed.

## 6. Salomil Laminates in Fire Situations

The usual safety requirements of fabrication and machining should be concerned with regard to dust collection, dust extraction and fire prevention.

Because of the possibility of sharp edges, protective gloves should always be worn when handling laminates.

Contact with dust from Salomil Laminates does not present any special problems, however a small percentage of personnel may be sensitive or even allergic to machining dust in general.

## 7. Energy Recovery

Due to the fact of their high calorific value Salomil Laminates are ideal for recycling. When burnt completely, Salomil Laminates produce water, carbon dioxide and nitrogen.

Well controlled burning processes are held in modern approved industrial incinerators. Ashes of this process can be brought to waste disposal sites. They do not contain heavy metals.

## 8. Waste Disposal

Salomil Laminates can be disposed on controlled waste disposal sites according to current national and/or regional regulations.

## 9. Technical Data

### 9.1 Physical and chemical characteristics

| Attribute        | Value  |
|------------------|--|
| Physical state   | Solid sheets   |
| Density          | $\geq 1.35 \text{ g/cm}^3$   |
| Solubility       | Insoluble in water, oil, methanol, acetone   |
| Boiling point    | None   |
| Evaporation rate | None   |
| Melting point    | Salomil Laminates do not melt  |
| Calorific value  | 18-20 MJ/kg  |
| Heavy metals     | Salomil Laminates do not contain toxic compounds of antimony, heavy metals, chromium, lead, mercury. |

## 9. Technical Data

### 9.2 Stability and reactivity data

| Attribute                | Value   |
|--------------------------|---|
| Stability                | Salomil Laminates are stable, they're not considered to be reactive or corrosive. |
| Hazardous reactions      | None  |
| Material incompatibility | Strong acids or alkaline solutions will stain the surface.                        |

## 9. Technical Data

### 9.3 Fire and explosion data

| Attribute                             | Value  |
|---------------------------------------|--|
| Ignition temperature                  | Approx. 400°C  |
| Flash point                           | None   |
| Thermal decomposition                 | Possible above 250°C. Depending on burning conditions. Salomil Laminates are classified safe when tested according to NF F L6 101.                   |
| Smoke and toxicity                    | Salomil Laminates are classified F2 when tested according to NF F 15 101.  |
| Flammability                          | Salomil Laminates are not considered to be flammable. They will burn only in a fire situation, in presence of open flames.                           |
| Extinguishing media                   | Salomil Laminates are considered class A materials.  |
| Explosion hazards                     | The machining, sawing, sanding, and routing of Salomil Laminates produce class 5T-I dust. Safety precautions must be observed to avoid dust contact. |
| Explosion limits                      | Dust levels should be kept below 50 mg/m <sup>3</sup> .  |
| Protection against explosion and fire | In case of fire, Salomil Laminates should be treated as wood-based materials.  |

## 9. Technical Data

### 9.4 Health information

Salomil Laminates are not considered dangerous to animals or humans

Formaldehyde emission

<0.4 mg/h m<sup>2</sup> (tested according to EN 717-2)

<0.05 ppm (tested according to EN 717-1)

Pentachlorophenol

Salomil Laminates do not contain PCP (Pentachlorophenol)

9.5 HPI meets performance standards published in Nema tD-3-1985 for type of high-pressure laminates.

Below, some typical test values of Salomil Laminates of Nema Standard GP28:

## 9. Technical Data

| Nema Test                   | Nema Standard GP28 | Salomil GP28 Test Values |
|-----------------------------|--------------------|--------------------------|
| Wear resistance             | Minimum cycles 200 | 270                      |
| Scratch resistance          | Minimum cycles NE  | NE                       |
| Impact resistance           | Minimum cycles 20  | 37                       |
| Boiling water resistance    | Minimum rating NE  | NE                       |
| High-temperature resistance | Minimum rating SL  | SL                       |
| Radiant heat resistance     | Minimum seconds 80 | 120                      |
| Conductive heat resistance  | Minimum rating NE  | NE                       |
| Stain resistance            | Minimum rating NE  | NE                       |
| Reagents 1-23               | Minimum rating M   | NE                       |
| Reagents 24-29              | Minimum rating M   | SL                       |
| Light resistance            | Minimum rating NE  | NE                       |

### Definitions:

NE - No Effect M - Moderate Effect  
SL - Slight Effect VSL - Very Slight Effect

## 9. Technical Data

9.6 Below a test held by the Ministry of Foreign Trade & Industry (Chemistry Administration) and the results show the impact of chemicals and other substances on Salomil Laminates.

| Substance name              | Concentration | Effect                                      |
|-----------------------------|---------------|---|
| Acids                       |               |   |
| 1- Hydrochloric Acid        | 37%           | No Effect                                   |
| 2- Sulfuric Acid            | 97%           | No Effect                                   |
| 3- Phosphoric Acid          | 8s%           | No Effect                                   |
| 4- Acetic Acid              | 98%           | No Effect                                   |
| Dyes                        |               |   |
| Methylene blue dye Solvents | 1%            | No Effect                                   |
| 1- Acetone                  | -----         | No Effect                                   |
| 2- Ethyl alcohol            | -----         | No Effect                                   |
| Dust ratio                  | 8.85%         | -----                                       |
| Bacteria effect             | -----         | Has the ability to prevent Bacterial growth |
| Fungi effect                | -----         | Has the ability to prevent Fungi growth     |