dekodur®

Collection 2026

Genuine Metal HPL

dekodur®

DI dekodur International

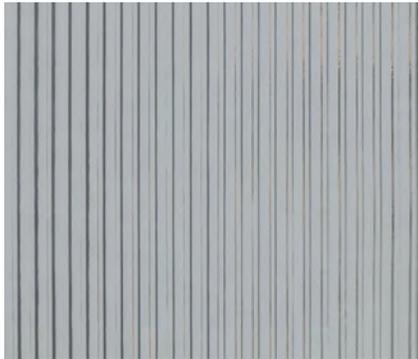## CURATED EXCELLENCE IN METALLIC HPL

DI dekodur International presents a **finely curated selection from more than 200 decors**. Architectural genuine metals with **five unique structures**. High-quality HPL surfaces in metallic perfection. More HPL decors at dekodur.com

17 Exclusive Decors

Five unique structures · Three core variants · Endless possibilities
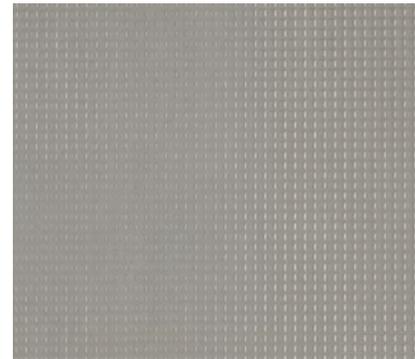
LINEAR	WOOD	DIAMANT	TEXTILE	SMOOTH
4 Decors	6 Decors	3 Decors	3 Decors	1 Decor

CORE VARIANTS

Standard

ECO REACH

DekoFireSafe®

FORMAT

2440 × 1220 mm

Standard HPL size

COLOR FAMILIES

Silver · Copper

Champagne · Graphite

STRUCTURE 610

LINEAR

Vertical linear pattern for modern, elegant surfaces. The LINEAR structure embodies contemporary minimalism with its clean, precise lines that create a sense of height and sophistication.

Characteristics:

· Vertical linear texture

· Contemporary aesthetic

· Architectural elegance
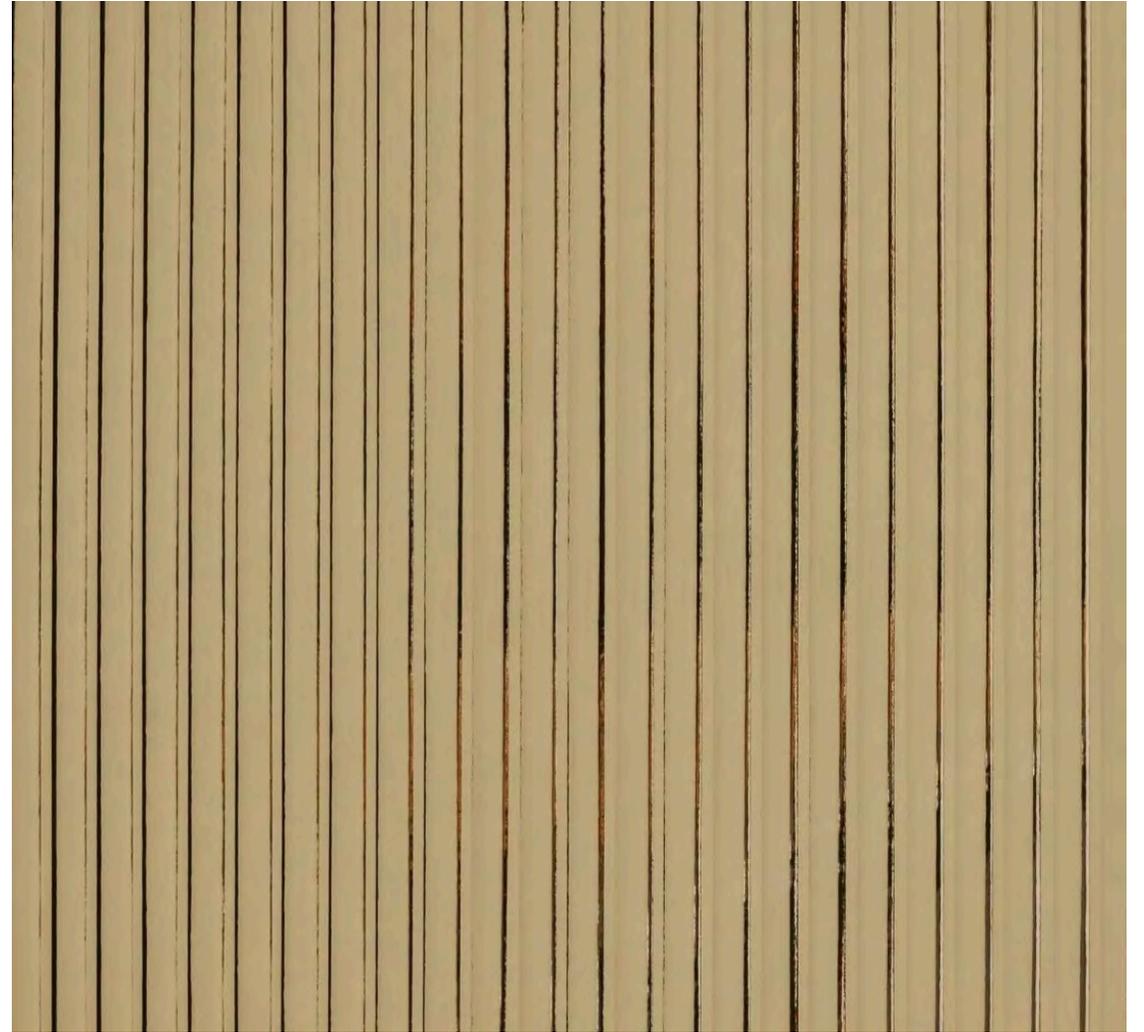
· Ideal for elevator lobbies and modern interiors

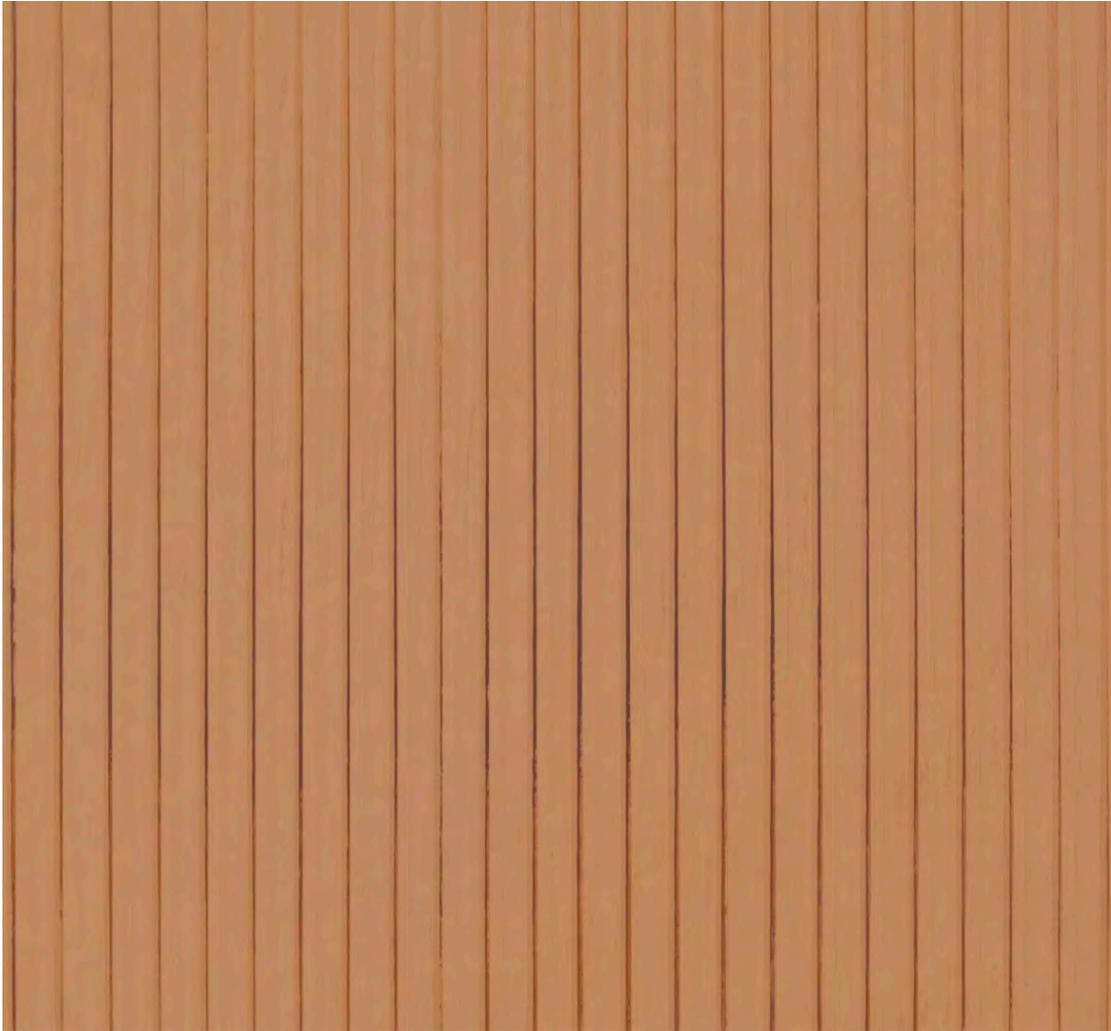**4 Decors Available**

Silver Real

A210 Linear

Art. 12792

Champagne Real

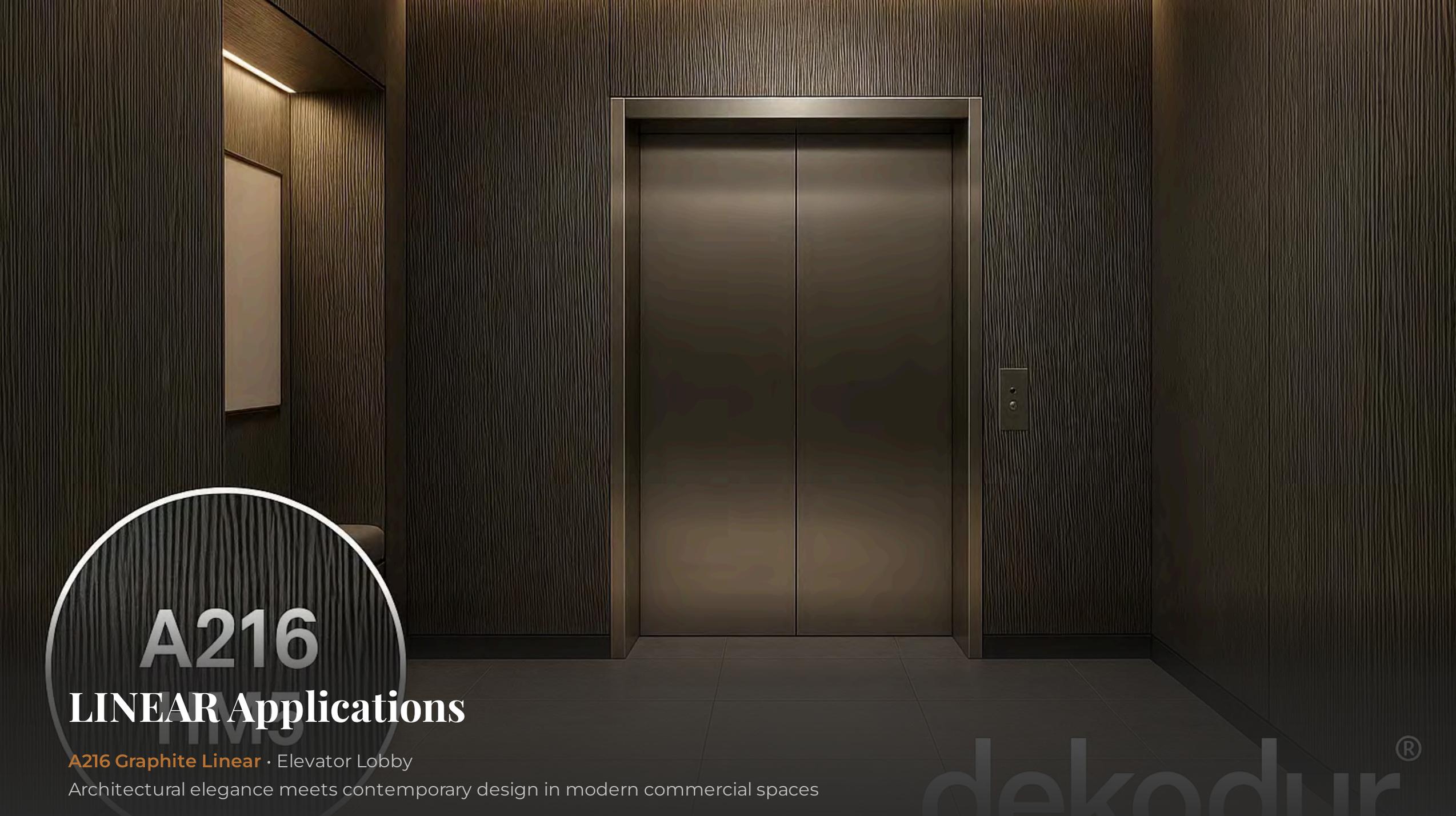A211 Linear

Art. 12791

Copper Real

A212 Linear

Art. 22432

Graphite Real

A216 Linear

Art. 11923

A216
LINEAR Applications

A216 Graphite Linear · Elevator Lobby
Architectural elegance meets contemporary design in modern commercial spaces

WOOD

Fine-textured wood-metal decors with natural haptic quality. The WOOD structure combines organic warmth with metallic sophistication, creating surfaces that feel as authentic as they look.

Characteristics:

· Natural wood texture

· Metallic shimmer

· Tactile depth

· Ideal for residential and hospitality interiors

6 Decors Available

Champagne Grain

A211 Wood
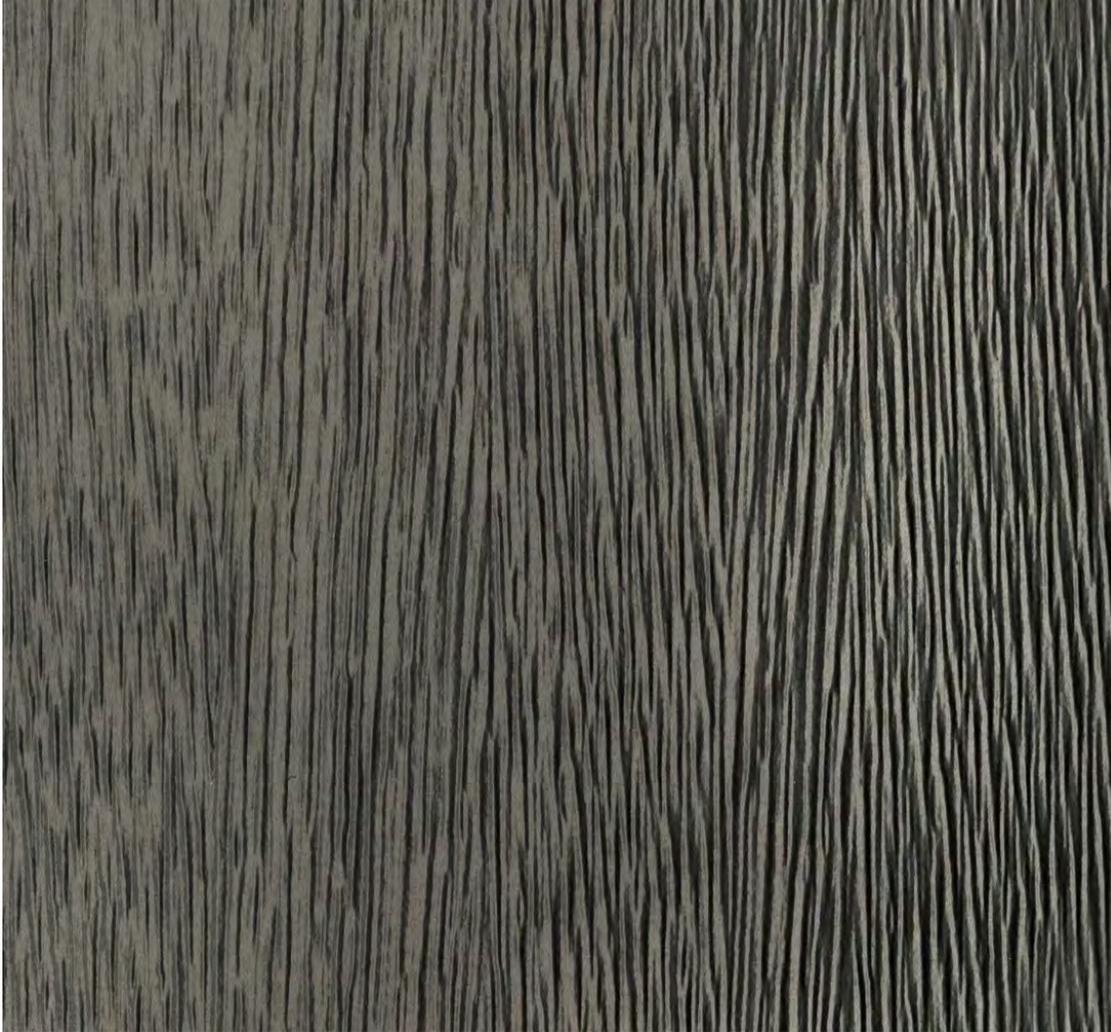
Art. 16889

Copper Silk

A212 Wood

Art. 20202

Graphite Wood

A216 Wood

Art. 22403
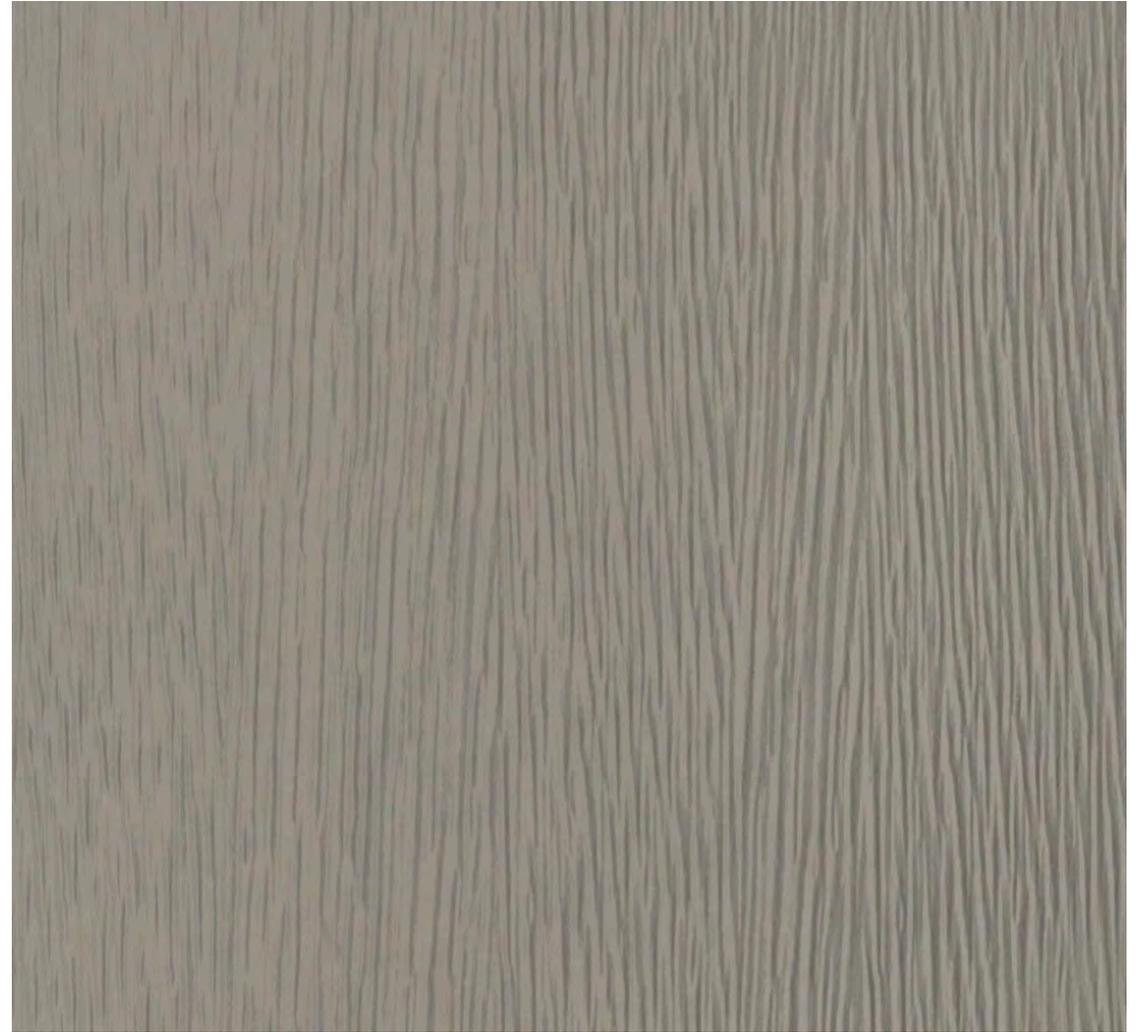
Silver Ash

A226 Wood

Art. 22486

Natural Oak Metal

A252 Wood

Art. 22404

Brushed Bronze

A253 Wood

Art. 22405
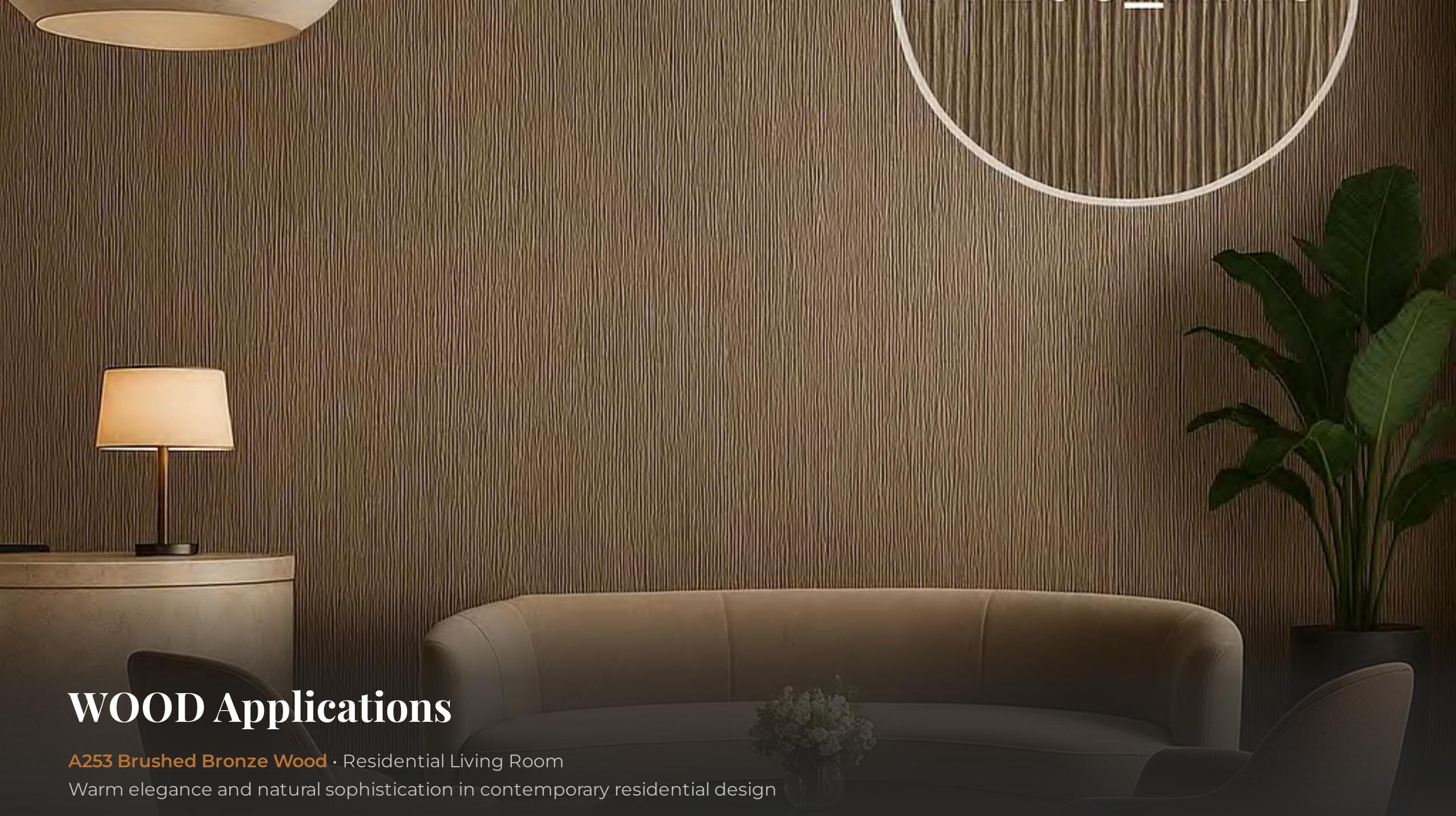
WOOD Applications

A253 Brushed Bronze Wood · Residential Living Room

Warm elegance and natural sophistication in contemporary residential design

DIAMANT

Geometric diamond pattern for sophisticated designs. The DIAMANT structure features angular precision and visual depth, creating surfaces that capture light and attention in equal measure.

Characteristics:

· Geometric diamond pattern

· Angular precision

· Visual depth and dimension

· Ideal for statement walls and feature surfaces

3 Decors Available

Silver Diamant

A226 Diamant

Art. 22481

Copper Diamant

A252 Diamant

Art. 22174
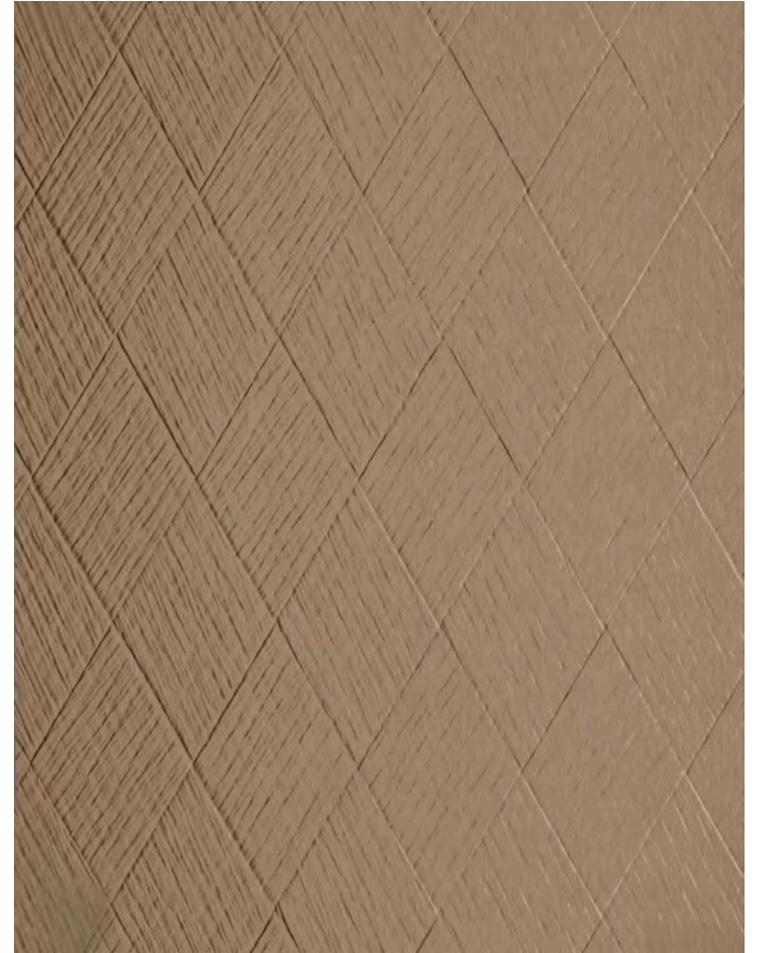
Champagne Diamant

A253 Diamant

Art. 22435
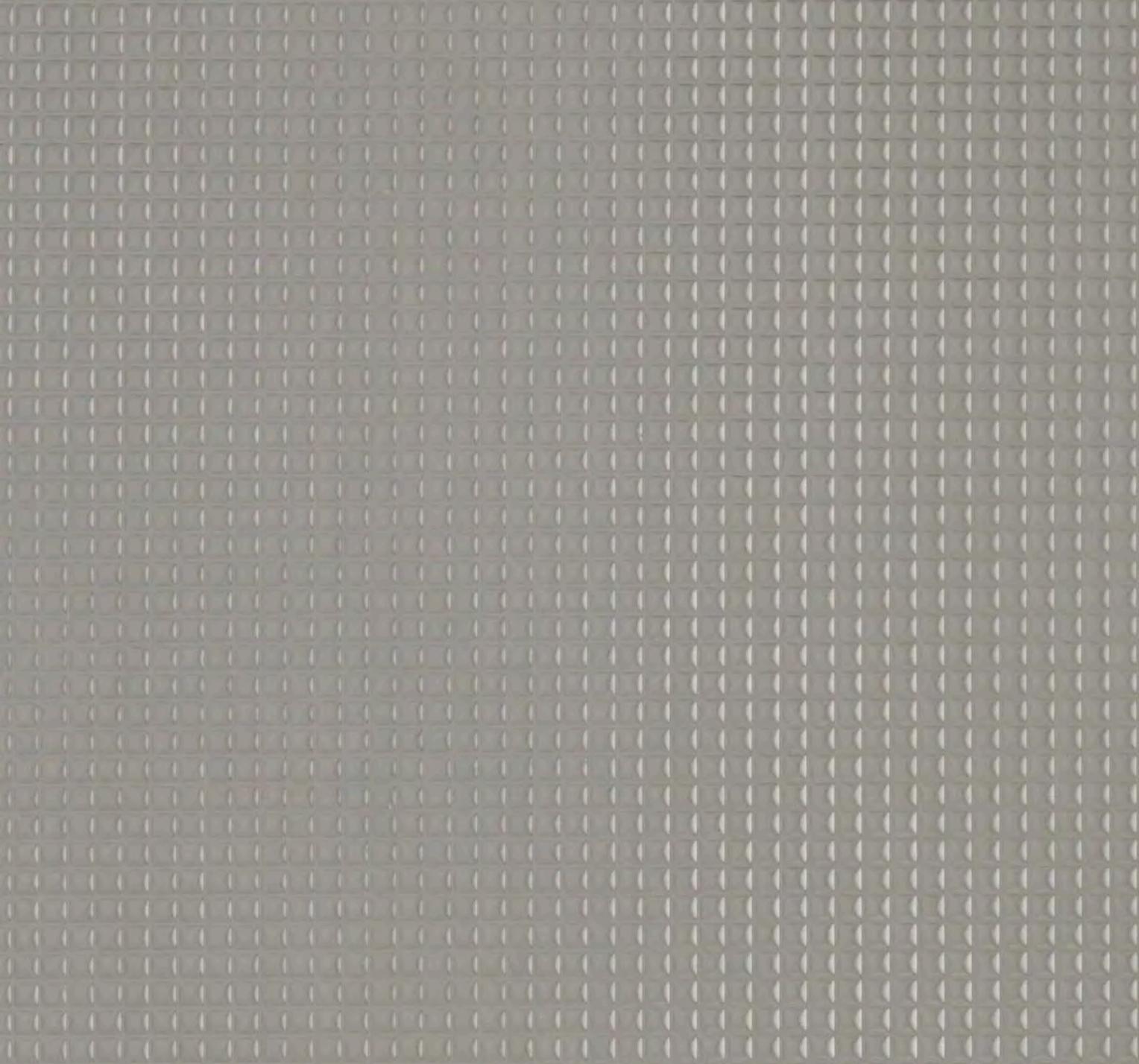
TEXTILE

Structured textile pattern with tactile depth. The TEXTILE structure evokes the appearance of woven fabric, bringing sophisticated texture and visual interest to architectural surfaces.

Characteristics:
· Woven textile appearance
· Tactile depth and texture
· Sophisticated pattern
· Ideal for hospitality and high-end commercial spaces

3 Decors Available
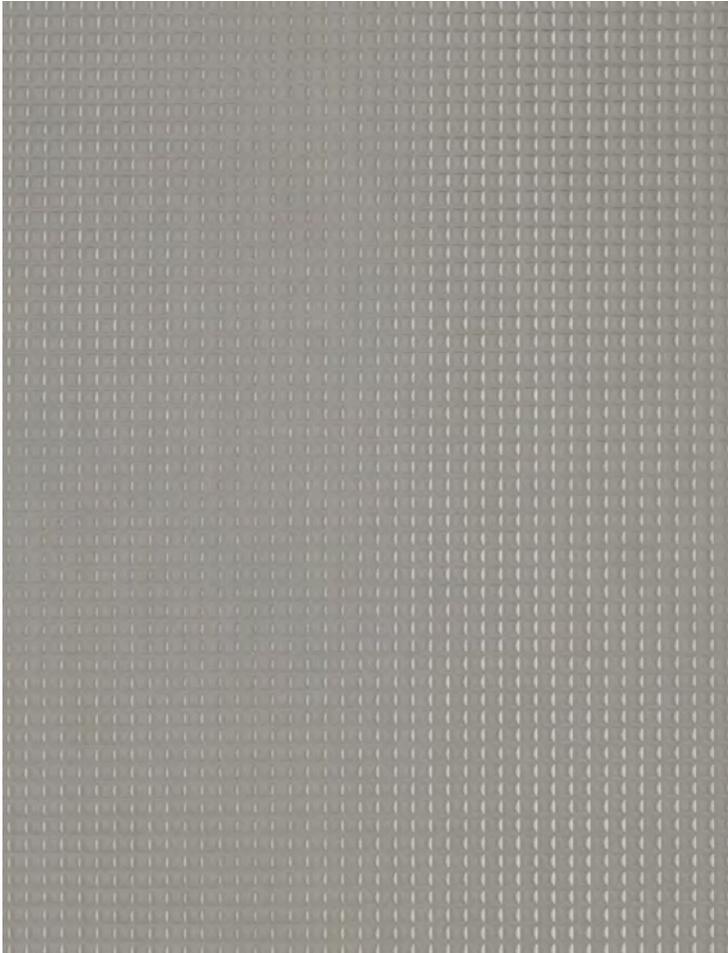
Silver Weave

A226 Textile

Art. 22498
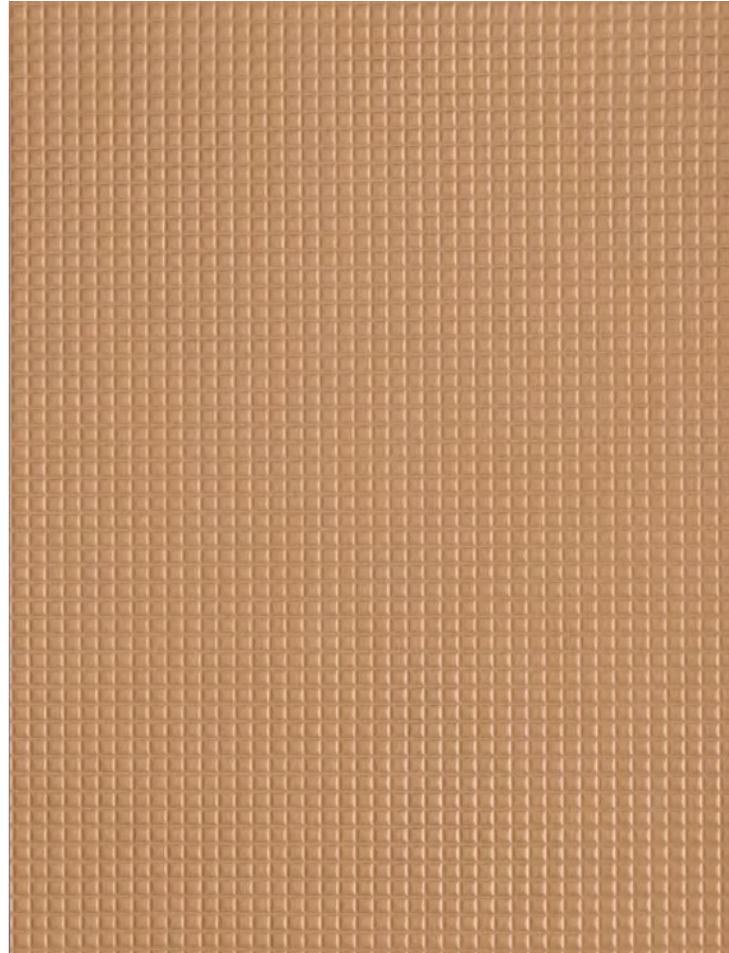
Copper Weave

A252 Textile

Art. 22400
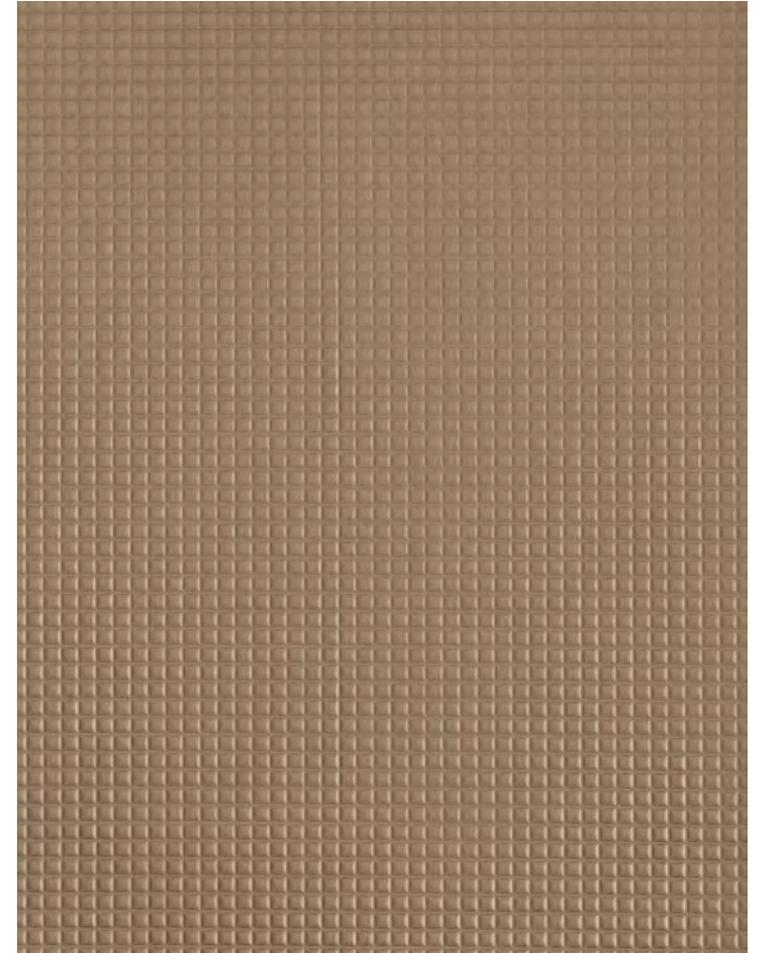
Champagne Weave

A253 Textile

Art. 22401

SMOOTH

Super-matte surface for purist aesthetics. The SMOOTH structure embodies minimalist perfection with its flawless, non-reflective finish that emphasizes form and material purity.

Millfinish Steel

A226 Smooth
Art. 22471

Minimalist perfection in super-matte metallic finish

ECO REACH Core

Ultra-Low Formaldehyde Emission

The ECO REACH core variant sets new standards in environmental responsibility and indoor air quality. Certified by EPH Dresden.

✓ Formaldehyde emission < 0.005 ppm (DIN 16516)

✓ 10× better than REACH E0 standard

✓ EPH Dresden certified quality

✓ Ideal for health-conscious projects

✓ Schools, hospitals, residential spaces

✓ Available for all article numbers

DIN 16516 Certified · EPH Dresden

DekoFireSafe® Core

A2-s1,d0 Fire Classification

The DekoFireSafe® core variant provides superior fire protection for public spaces and high-safety requirements. Non-combustible performance.

✓ Fire protection class A2-s1,d0 (DIN EN 13501-1)

✓ Non-combustible material classification

✓ Low smoke production (s1)

✓ No flaming droplets (d0)

✓ Ideal for public buildings and escape routes

✓ Available for all article numbers

DIN EN 13501-1 Certified • A2-s1,d0

STD

Standard Core

Phenolic kraft paper impregnate

The Standard core variant represents decades of proven HPL technology and reliability. Phenolic kraft paper impregnate construction delivers consistent quality and performance across all applications, with complete article number availability.

✔

17

∞

Proven quality

All article numbers

Reliable choice

A216 Graphite Linear · Commercial Elevator Hall

A216 Graphite Linear · Elevator Interior

Design References

From **commercial elevator lobbies** to **residential living spaces**, from **hospitality interiors** to **corporate environments** — Collection 2026 demonstrates unparalleled versatility and premium quality across diverse architectural applications.

Technical Information

FORMAT

2440 × 1220 mm
Standard HPL panel size
Custom formats available on request

STRUCTURES

610 LINEAR — Vertical linear pattern

HM5 WOOD — Fine-textured wood-metal

DIA DIAMANT — Geometric diamond

SQE TEXTILE — Structured textile

GLA SMOOTH — Super-matte surface

COLOR FAMILIES

Silver · Copper · Champagne · Graphite

CORE VARIANTS

ECO REACH — Formaldehyde < 0.005 ppm
(DIN 16516)

DekoFireSafe® — Fire class A2-s1,d0
(DIN EN 13501-1)

Standard — Phenolic kraft paper

SURFACE PROPERTIES

Genuine metal appearance	Easy to clean
Tactile texture	UV-stable
Scratch-resistant	

APPLICATIONS

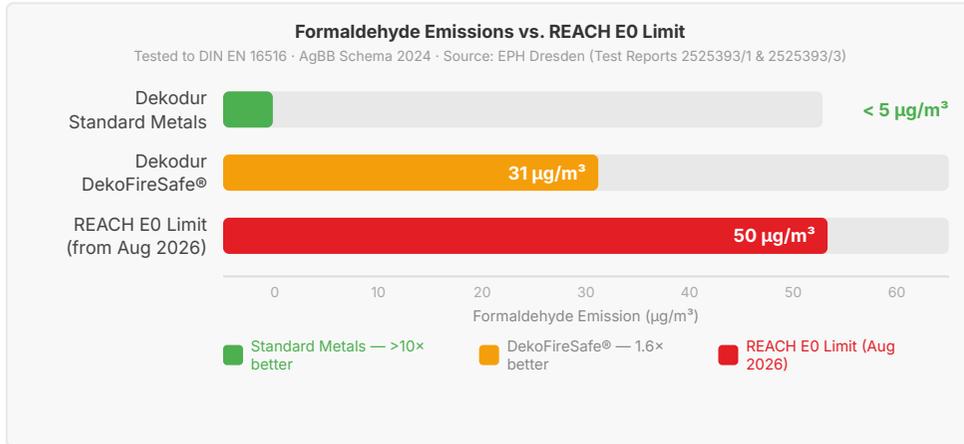|	
Elevator lobbies	Commercial interiors
Wall cladding	Residential design
Furniture surfaces	

dekodur®

Technical Excellence — PROVEN PERFORMANCE · CERTIFIED QUALITY

FORMALDEHYDE EMISSIONS · DIN EN 16516
Ultra-Low Emissions

Formaldehyde Emissions vs. REACH E0 Limit
Tested to DIN EN 16516 · AgBB Schema 2024 · Source: EPH Dresden (Test Reports 2525393/1 & 2525393/3)

Dekodur Standard Metals	< 5 µg/m³
Dekodur DekoFireSafe®	31 µg/m³
REACH E0 Limit (from Aug 2026)	50 µg/m³

Formaldehyde Emission (µg/m³) 0 10 20 30 40 50 60

- ■ Standard Metals — >10× better
- ■ DekoFireSafe® — 1.6× better
- ■ REACH E0 Limit (Aug 2026)

- **Standard Metals:** < 5 µg/m³ — EPH Dresden certified
- **DekoFireSafe®:** 31 µg/m³ — EPH Dresden certified
- **REACH E0 limit (Aug 2026):** 50 µg/m³ — fully compliant
- **AgBB Schema 2024:** compliant · DIN EN 16516

FIRE SAFETY · DIN EN 13501-1
Fire Classifications

Fire Classes: Dekodur vs. Competitors (DIN EN 13501-1)
All 17 Dekodur decors available in all variants with identical appearance — unique industry advantage

DEKODUR — ALL 17 DECORS IN ALL VARIANTS

DekoFireSafe®	A2-s1,d0 / B-s1,d0	Non-combustible
Standard	D-s2,d0	Normal flammability
ECO REACH	D-s2,d0	Normal flammability

COMPETITOR HPL — DIFFERENT FIRE CLASSES PER DECOR

HPL F (C-s1)	C-s1,d0	Limited range
HPL F (C-s2)	C-s2,d0	Limited range
HPL Standard	D-s2,d0	No design consistency

✔ **Unique Advantage:** Consistent design across all fire protection requirements — from standard to non-combustible classification. One design concept, any fire class.

Specifications & Standards ——— TECHNICAL DATA · CERTIFICATIONS · CORE VARIANTS

TECHNICAL DATA
Technical Specifications

Thickness	**0.8 mm** (Standard / ECO) **1.2 mm** (DekoFireSafe®)
Format	**2440 × 1220 mm** Standard HPL panel size
Density	approx. **1.35 g/cm³**
Weight	≈ **1.08 kg/m²** (0.8 mm) ≈ **1.62 kg/m²** (1.2 mm)
Surface	**Genuine metal layer** on HPL substrate
Structures	**LINEAR · WOOD DIAMANT · TEXTILE · SMOOTH**
Decors	**17 exclusive decors**
Color families	**Silver · Copper Champagne · Graphite**
Custom formats	**Available on request**

All decors comply with DIN EN 438 for high-pressure decorative laminates.

NORMS & CERTIFICATIONS
Standards & Certifications

DIN EN 438
HPL Quality Standard

High-pressure decorative laminates — defines quality requirements for HPL surfaces in architecture and interior design.

DIN EN 13501-1
Fire Classification

Fire classification of construction products. Standard/ECO: D-s2,d0 · DekoFireSafe®: A2-s1,d0 / B-s1,d0

DIN EN 16516
Formaldehyde Emissions

Emission testing for construction products. AgBB Schema 2024 compliant. REACH E0 compliant (< 50 µg/m³).

REACH Regulation (EU)
Ultra-Low Emissions

Standard Metals: < 5 µg/m³ (>10× better than limit) · DekoFireSafe®: 31 µg/m³ (1.6× better than limit)

PRODUCT RANGE
Core Variants

Standard
D-s2,d0 · Normal flammability

High-quality phenolic resin core. Ideal for interior design, furniture, and wall cladding in standard applications.

ECO REACH
D-s2,d0 · Sustainable core

Made from sugar cane bagasse. Formaldehyde emission < 0.005 ppm — more than 10× better than REACH E0 limit.

DekoFireSafe®
A2-s1,d0 / B-s1,d0 · Non-combustible

Fire-resistant mineral core for highest fire protection requirements in public buildings, transport, and high-rise architecture.

✔ **All 17 decors available in all three variants** with identical appearance. Consistent design across all fire protection requirements.

Processing & Care

INSTALLATION · MAINTENANCE · STORAGE

INSTALLATION

Processing Guidelines

1 Cutting
Use carbide-tipped blades (min. 60 teeth). Score and snap for straight cuts. Always cut with the decorative face upward to prevent chipping.

2 Drilling
Use carbide-tipped drill bits at moderate speed. Pre-drill pilot holes for screws to prevent cracking. Support the laminate from below.

3 Bonding
Use contact adhesives designed for HPL. Apply to both surfaces, allow to dry until tacky. Use a roller for full contact and air bubble removal.

4 Edge Finishing
Router with carbide bit for clean edges. Sand with fine-grit sandpaper (220+). Seal exposed edges against moisture. Edge banding available on request.

MAINTENANCE & STORAGE

Care & Storage

● **Daily Cleaning**
Wipe with a damp cloth and mild soap solution. Dry immediately with a soft, lint-free cloth. For stubborn stains, use a mild household cleaner with a soft cloth.

Avoid: Abrasive cleaners, steel wool, bleach, acetone, or harsh solvents that may damage the genuine metal surface.

● **Maintenance**
Genuine metal surfaces develop a natural patina over time — this is characteristic and adds authentic character. For consistent appearance, clean regularly with recommended products. Avoid prolonged contact with acidic or alkaline substances.

● **Storage**
Store flat in a dry, climate-controlled environment (15–25°C, max. 65% relative humidity). Protect from direct sunlight. Stack with protective interleaving sheets, max. 10 panels.

Tip: Acclimatize panels to the installation environment for 24–48 hours before processing to prevent dimensional changes.

Build-to-Order Excellence

FLEXIBILITY · QUALITY · SPEED

17 Decors × 3 Variants

Every decor available in Standard, ECO REACH, and DekoFireSafe® with **identical appearance**. One design concept — any fire protection requirement.

Made to Order

No inventory risk. Panels are produced to your exact specifications. Custom formats and special configurations available on request.

Reliable Delivery

Consistent lead times with express service available. Direct from our production facility in Hirschhorn am Neckar, Germany.

LEAD TIMES

Delivery Overview

CORE VARIANT	STANDARD LEAD TIME	EXPRESS
Standard	2–3 weeks	Available
ECO REACH	2–3 weeks	Available
DekoFireSafe®	3–4 weeks	Available

Lead times may vary depending on order volume. Contact us for exact delivery dates and project-specific quotations.

Sample Box Available: Request our Genuine Metal HPL sample box with all 17 decors in all structures. Contact info@dekodur.de to order your complimentary sample set.

GET IN TOUCH

Contact Us

DI dekodur International

GMBH & CO. KG

✉ **info@dekodur.de**
General inquiries & quotations

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◉ **dekodur.com**
Full product range & technical data

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