

Decoral[®] System

Imagine the possibilities...

Decorative Powder Coating





Introducing Decorative Power Coating by Decoral

Architects, builders, manufacturers & custom coaters all over the world are discovering the remarkable advantages of decorative coatings by Decoral System. Our sophisticated wood grain powder coating process applies decorative finishing deep into coated aluminum, steel, iron, glass, ceramic, plastic & other surfaces for windows, doors, blinds, fixtures furnishings, & virtually any other product where aesthetic appeal, durability & fire retardant advantages enhance its value. Decoral System powder coatings are available in an endless variety of patterns, colors, & textures.

With the Decoral process, aluminum & other materials can be designed to accurately resemble authentic wood grain, marble & stone finishes, plus floral patterns, animal prints, & even custom logo graphics. Offering long-lived protection and many other benefits, Decoral coatings are the ideal specification choice for architects & designers worldwide. With hundreds of durable finishes, Decoral offers an added-value advantage that will increase finishing options, as well as market share for manufacturers & custom coaters alike.

In 2004, The VIV Group introduced Decoral System USA Corp. to the United states. A leader in the production and distribution of powder coating finishes for the past 30 years, The VIV Group boasts more than 500 employees worldwide. Starting from its primary manufacturing facility in Verona, Italy, the company has grown to include more than 600 plants & distributors in over 60 countries. Over the years, Decoral has produced thousands of tons of decorated aluminum for diverse applications.

Decoral offers turn key plants with training, marketing tools, R&D and know-how with the necessary raw materials (powder coating and transfer films). Additionally, Decoral provides its decorative powder coating service through its network of Decoral licensed applicators worldwide.

ADVANTAGES of DECORAL vs REAL WOOD



High UV resistance; Water and humidity proof; Fire retardant; High corrosion resistance; No maintenance required; High scratch resistance; Does not swell, rot or warp; Less costly than wood; Metal is easier to fabricate; Termite and insect proof.

DISADVANTAGES of REAL WOOD



Poor UV durability; Very sensitive to humidity; High flammability; Needs regular maintenance; Easy to scratch; Easily swells, rots and warps; More costly than metal; Difficult to fabricate; Vulnerable to termites and insects.

DECORAL VS FOIL LAMINATION

- Decoral is UV resistant and water/humidity proof.
 - Decoral is less expensive.
 - Decoral will not delaminate.
 - Decoral is easier to manufacture.
 - Decoral machine requires less space.
 - Decoral process is automated.
 - Decoral offers a huge variety of patterns.
 - Decoral raw materials are eco-friendly (recyclable).
 - Decoral is fire retardant and anti-graffiti.
 - Decoral can be applied on most 3D metal shapes.
-
- Lamination is susceptible to UV & water/humidity.
 - Lamination is more expensive.
 - Lamination can separate easily.
 - Lamination is difficult to manufacture.
 - Lamination machinery requires many adjustments.
 - Lamination requires a lot of time/labor to apply.
 - Lamination process has a lot of waste.
 - Lamination uses toxic glues.
 - Lamination uses films which are not recyclable.
 - Lamination is not fire retardant.
 - Lamination is not anti-graffiti.
 - Lamination cannot be applied on 3D parts.



DECORAL
is GREEN and SUSTAINABLE



- Does not emit VOC's
- Powders are TGIC free
- Does not use harmful solvents
- Avoids cutting trees
- Uses recycled materials
- Avoids digging marble mines
- Does not pollute
- Metal lasts longer than wood
- Metal can be recycled

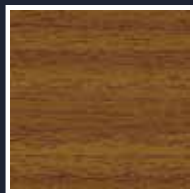


Decorral Systems

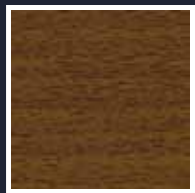
Decoral System Wood Effect



Decoral System Wood



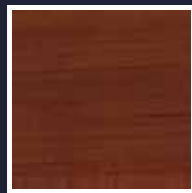
DS 403
1001/01



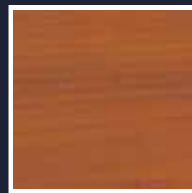
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1002/01



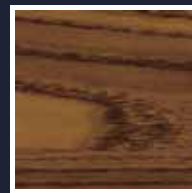
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1101/02



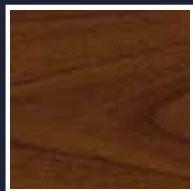
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1102/01



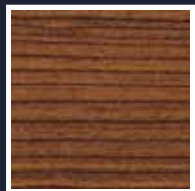
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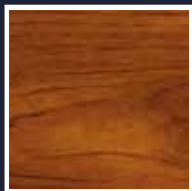
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1301/01



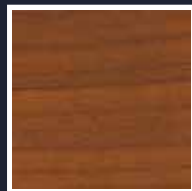
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1401/01



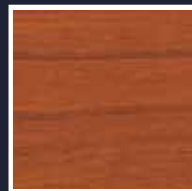
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1402/02



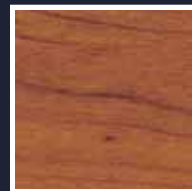
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1403/01



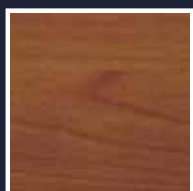
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1404/02



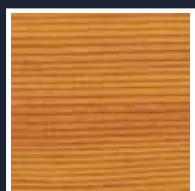
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1405/02



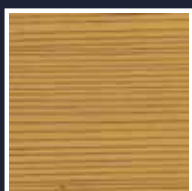
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1406/01



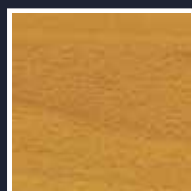
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1407/01



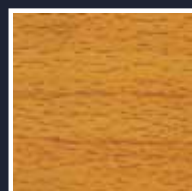
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1501/02



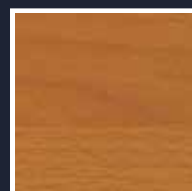
DS 402
1502/02



DS 402
1601/06



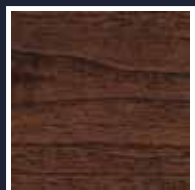
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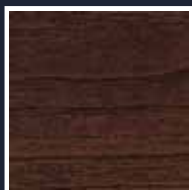
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1603/02



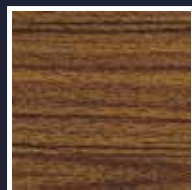
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1701/01



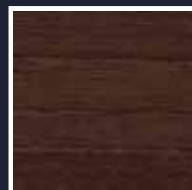
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1801/01



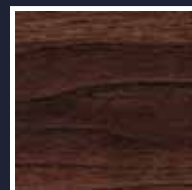
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1802/02



DS 403
1803/01



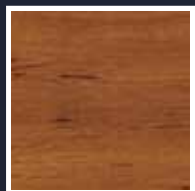
DS 403
1804/05



DS 403
1806/02



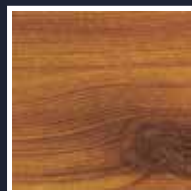
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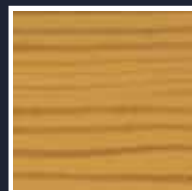
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1901/01



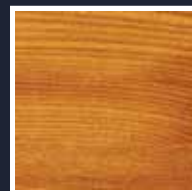
DS 402
2001/01



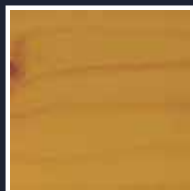
DS 402
2101/01



DS 402
2102/01



DS 402
2103/01



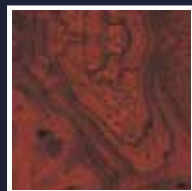
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2104/01



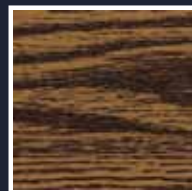
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2301/02



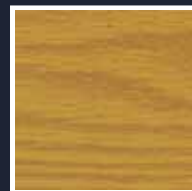
DS 403
2401/04



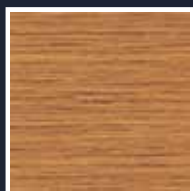
DS 810+PE411
2402/02



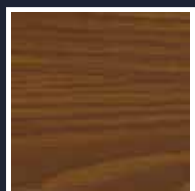
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2501/02



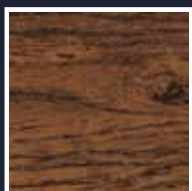
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2501/05



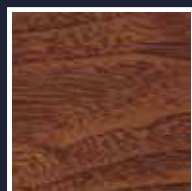
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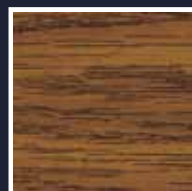
DS 403
2503/04



DS 403
2504/01



DS 403
2505/01



DS 403
2507/01



DS 402
2902/03

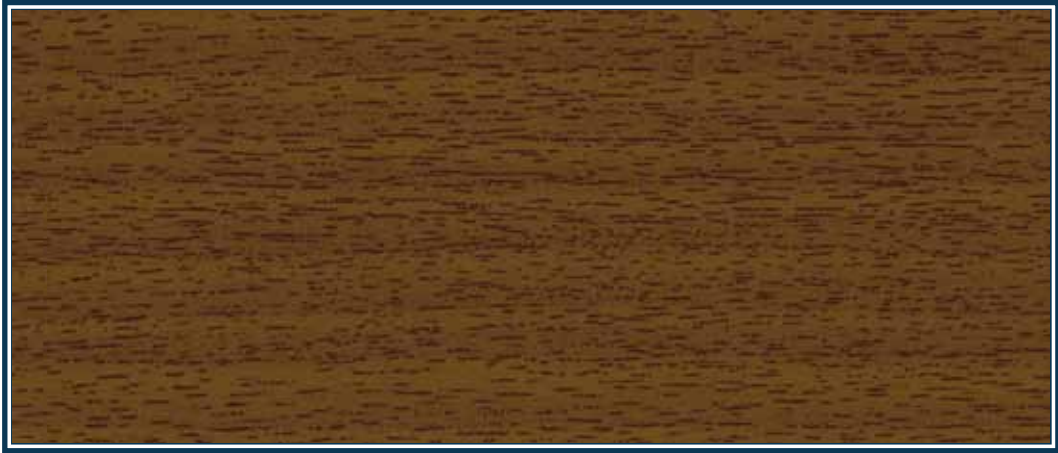
Acacia Fine Line



DS 403 + 1001/01 (Smooth)

DS 733 + 1001/01 (Textured)

Acacia



DS 403 + 1002/01 (Smooth)

DS 733 + 1002/01 (Textured)

Colony Maple



DS 402 + 1101/02 (Smooth)

DS 716 + 1101/02 (Textured)

American Maple



DS 403 + 1102/01 (Smooth)

DS 733 + 1102/01 (Textured)

Steamed Maple



DS 402 + 1103/01 (Smooth)

DS 716 + 1103/01 (Textured)

Chestnut



DS 403 + 1301/01 (Smooth)

DS 733 + 1301/01 (Textured)

Cherry with Flame



DS 403 + 1401/01 (Smooth)

DS 733 + 1401/01 (Textured)

Cherry



DS 403 + 1402/02 (Smooth)

DS 733 + 1402/02 (Textured)

Mediterranean Cherry



DS 402 + 1403/01 (Smooth)

DS 716 + 1403/01 (Textured)

Cordoba Cherry



DS 402 + 1404/02 (Smooth)

DS 716 + 1404/02 (Textured)

Table Cherry



DS 402 + 1405/02 (Smooth)

DS 716 + 1405/02 (Textured)

European Cherry



DS 402 + 1406/01 (Smooth)

DS 716 + 1406/01 (Textured)

Cherry Half Flame



DS 403 + 1407/01 (Smooth)

DS 733 + 1407/01 (Textured)

American Douglas



DS 402 + 1501/02 (Smooth)

DS 716 + 1501/02 (Textured)

Oregon Douglas



DS 402 + 1502/02 (Smooth)

DS 716 + 1502/02 (Textured)

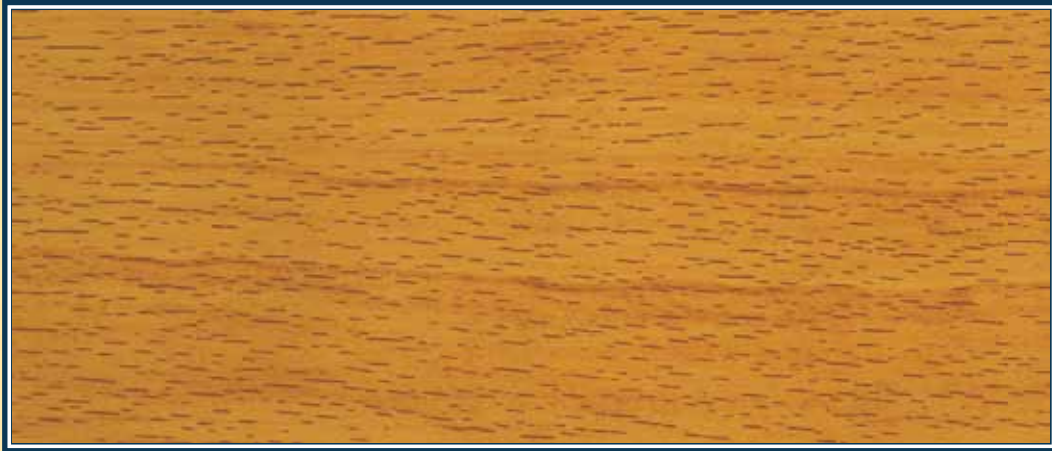
Table Beech



DS 402 + 1601/06 (Smooth)

DS 716 + 1601/06 (Textured)

Oriental Beech



DS 402 + 1602/01 (Smooth)

DS 716 + 1602/01 (Textured)

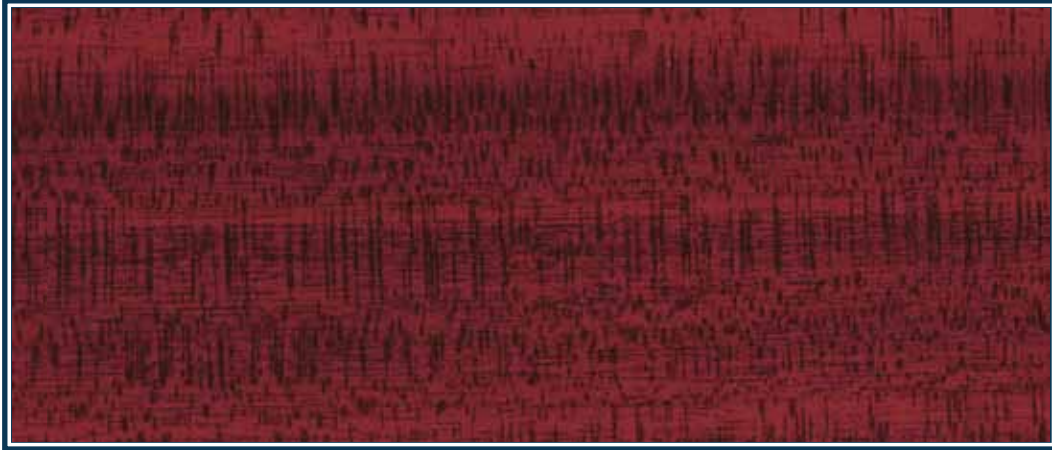
Steamed Beech



DS 402 + 1603/02 (Smooth)

DS 716 + 1603/02 (Textured)

Mahogany



DS 406 + 1701/01 (Smooth)

DS 706 + 1701/01 (Textured)

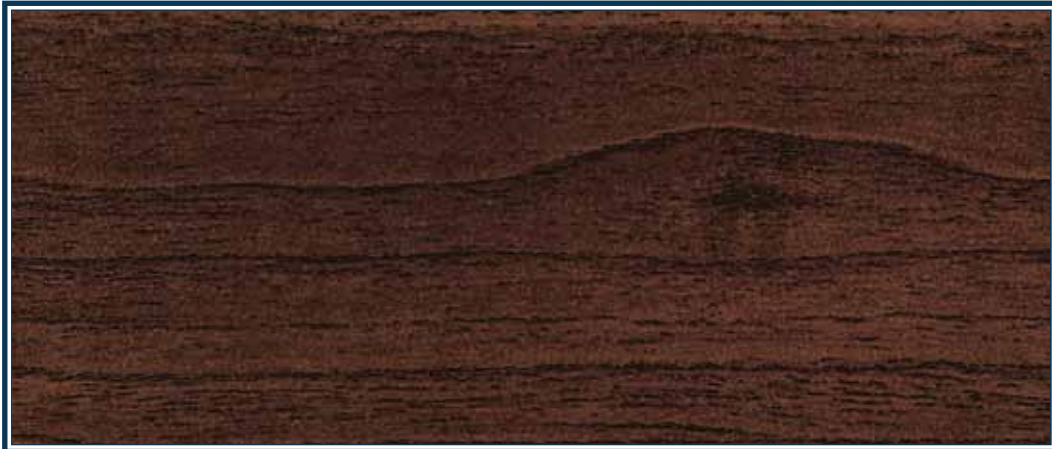
Mediterranean Walnut



DS 403 + 1801/02 (Smooth)

DS 733 + 1801/02 (Textured)

Dark Walnut



DS 403 + 1802/02 (Smooth)

DS 733 + 1802/02 (Textured)

California Nut



DS 403 + 1803/01 (Smooth)

DS 733 + 1803/01 (Textured)

Table Nut



DS 403 + 1804/05 (Smooth)

DS 733 + 1804/05 (Textured)

National Walnut



DS 403 + 1806/02 (Smooth)

DS 733 + 1806/02 (Textured)

Decorative Systems

National Walnut Flat



DS 403 + 1807/01 (Smooth)

DS 733 + 1807/01 (Textured)

Table Ontano



DS 402 + 1901/01 (Smooth)

DS 716 + 1901/01 (Textured)

Elm



DS 402 + 2001/01 (Smooth)

DS 716 + 2001/01 (Textured)

Full Knotty Pine



DS 402 + 2101/01 (Smooth)

DS 716 + 2101/01 (Textured)

Striped Pine



DS 402 + 2102/01 (Smooth)

DS 716 + 2102/01 (Textured)

Knotty Pine



DS 402 + 2103/01 (Smooth)

DS 716 + 2103/01 (Textured)

Decorative Systems

Scandinavian Knotty Pine



DS 402 + 2104/01 (Smooth)

DS 716 + 2104/01 (Textured)

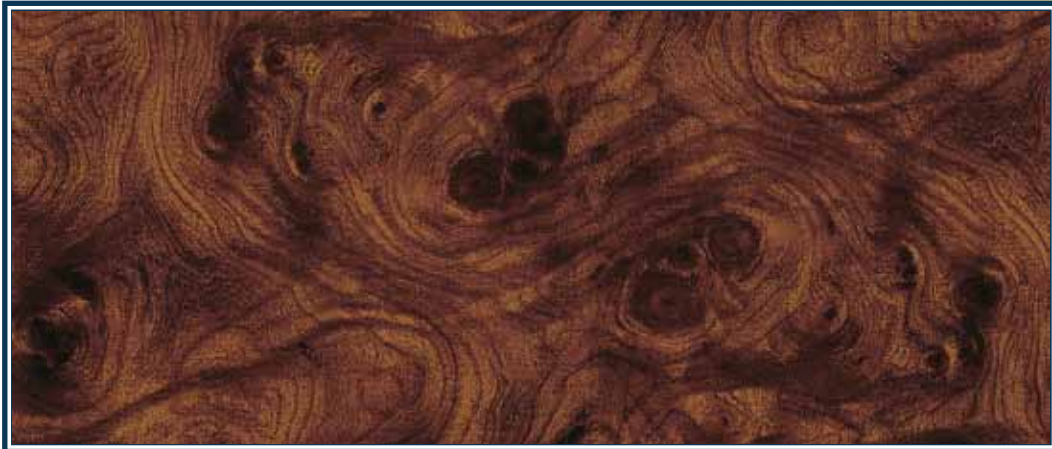
Oak



DS 402 + 2301/02 (Smooth)

DS 716 + 2301/02 (Textured)

Burlwood



DS 403 + 2401/04 (Smooth)

DS 733 + 2401/04 (Textured)

Glossy Burlwood



PE 411 + DS 810 + 2402/02 (Smooth Glossy)

Dark Oak



DS 403 + 2501/02 (Smooth)

DS 733 + 2501/02 (Textured)

Light Oak Assi



DS 402 + 2501/05 (Smooth)

DS 716 + 2501/05 (Textured)

Oak Fine Line



DS 402 + 2502/01 (Smooth)

DS 716 + 2502/01 (Textured)

Natural Oak



DS 403 + 2503/04 (Smooth)

DS 733 + 2503/04 (Textured)

Antique Oak



DS 403 + 2504/01 (Smooth)

DS 733 + 2504/01 (Textured)

Golden Oak



DS 403 + 2505/01 (Smooth)

DS 733 + 2505/01 (Textured)

Striped Oak



DS 403 + 2506/01 (Smooth)

DS 733 + 2506/01 (Textured)

Bamboo



DS 402 + 2902/03 (Smooth)

DS 716 + 2902/03 (Textured)

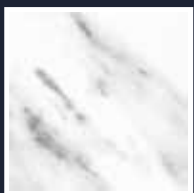
Decorative Systems

Decoral System

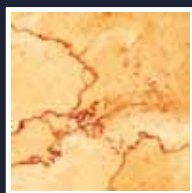
Fantasy



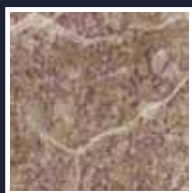
Decoral System Fantasy



PE 411+ DS 810
5001/01



PE 411+ DS 810
5002/03



PE 411+ DS 810
5004/05



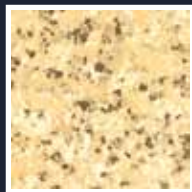
PE 411+ DS 810
5005/03



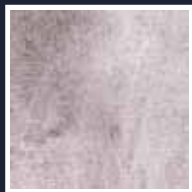
PE 411+ DS 810
5006/01



PE 411+ DS 810
5008/02



PE 411+ DS 810
5009/02



PE 411+ DS 810
5007/01



PE 411+ DS 810
6006/13



PE 411+ DS 810
6007/01



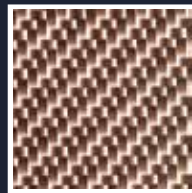
PE 411+ DS 810
6012/21



PE 411+ DS 810
6009/01



PE 411+ DS 810
6010/55



PE 411+ DS 810
6001/01



PE 411+ DS 810
6035/01

PE 411+ DS 810 = SMOOTH GLOSSY

PE 411+ DS 407 = SMOOTH MATTE

PE 411+ DS 707 = TEXTURED

Carrara Marble



PE 411 + DS 810 + 5001/01
(Indoor)

PE 411 + DS 810 S + 5001/01
(Outdoor)

Davinci Marble



PE 411 + DS 810 + 5002/03
(Indoor)

PE 411 + DS 810 S + 5002/03
(Outdoor)

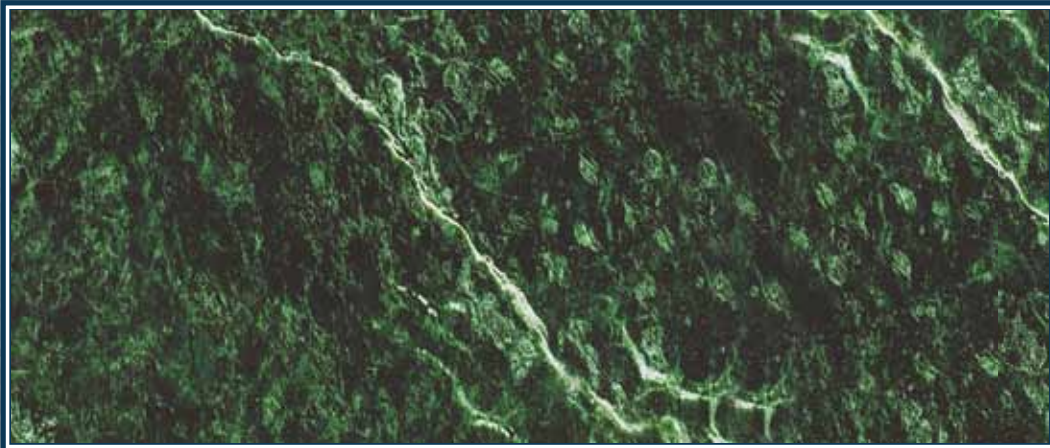
Grey Marble



PE 411 + DS 810 + 5004/05
(Indoor)

PE 411 + DS 810 S + 5004/05
(Outdoor)

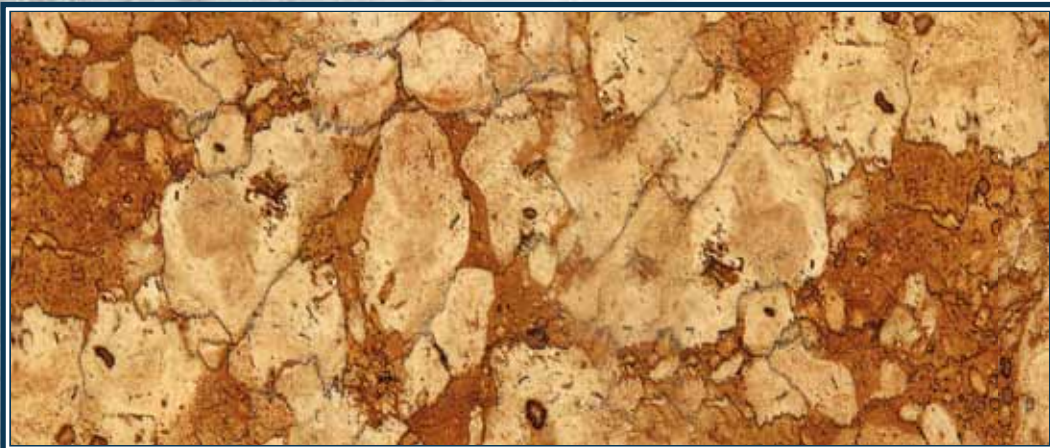
Green Marble



PE 411 + DS 810 + 5005/03
(Indoor)

PE 411 + DS 810 S + 5005/03
(Outdoor)

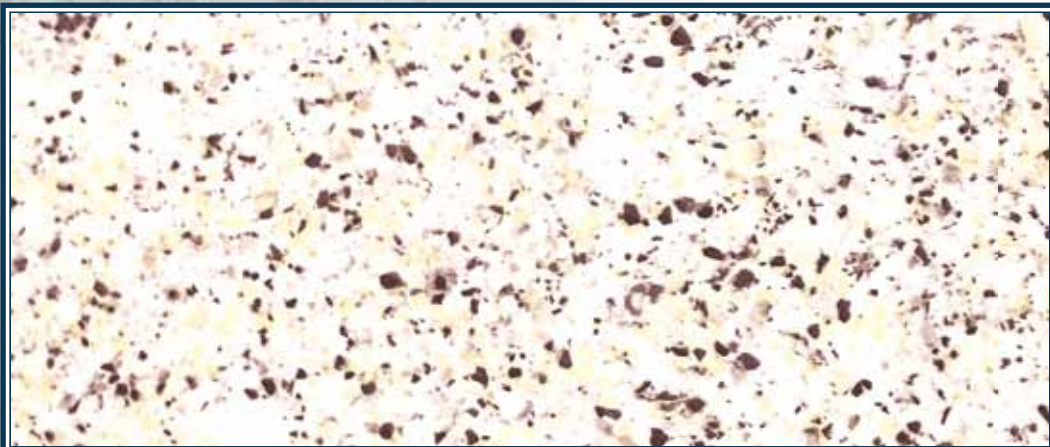
Verona Marble



PE 411 + DS 810 + 5006/01
(Indoor)

PE 411 + DS 810 S + 5006/01
(Outdoor)

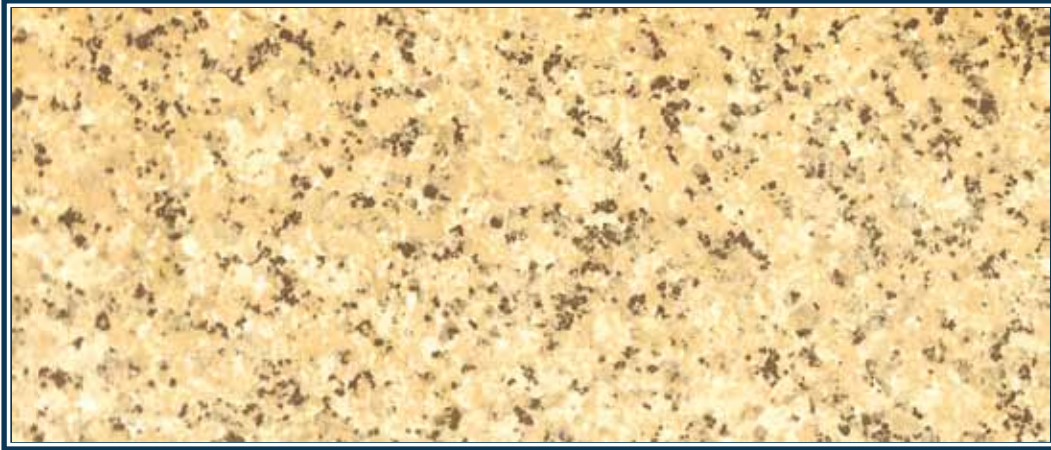
Granite



PE 411 + DS 810 + 5008/02
(Indoor)

PE 411 + DS 810 S + 5008/02
(Outdoor)

Red Granite



PE 411 + DS 810 + 5009/02
(Indoor)

PE 411 + DS 810 S + 5009/02
(Outdoor)

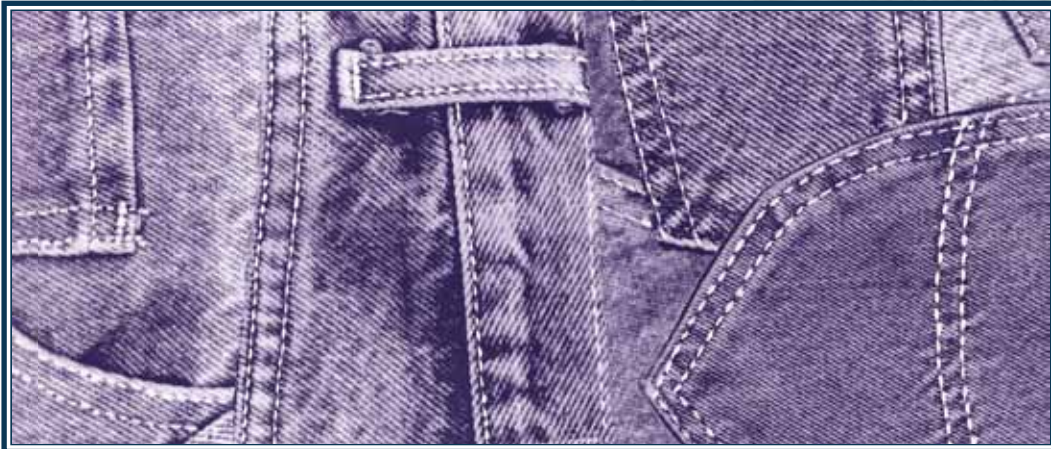
Brushed



PE 411 + DS 810 + 5007/01
(Indoor)

PE 411 + DS 810 S + 5007/01
(Outdoor)

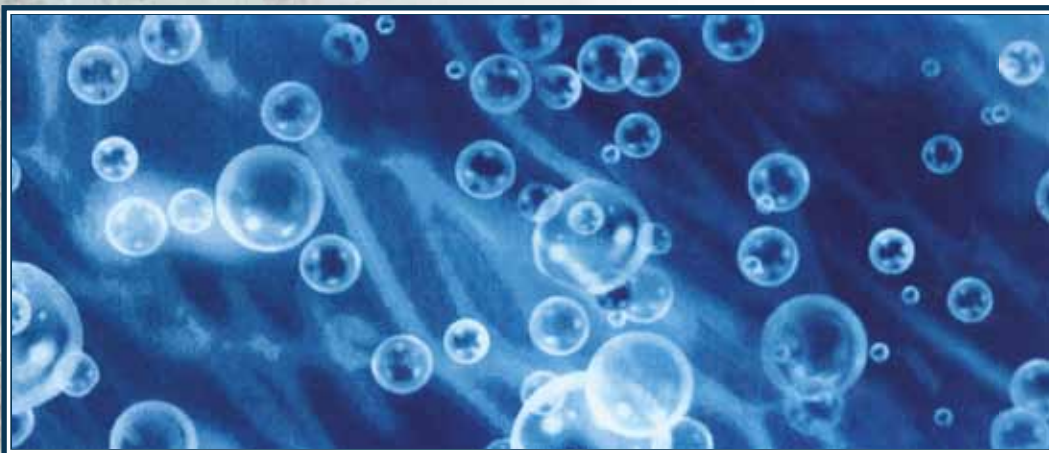
Denim Jeans



PE 411 + DS 810 + 6006/13
(Indoor)

PE 411 + DS 810 S + 6006/13
(Outdoor)

Bubbles



PE 411 + DS 810 + 6007/01
(Indoor)

PE 411 + DS 810 S + 6007/01
(Outdoor)

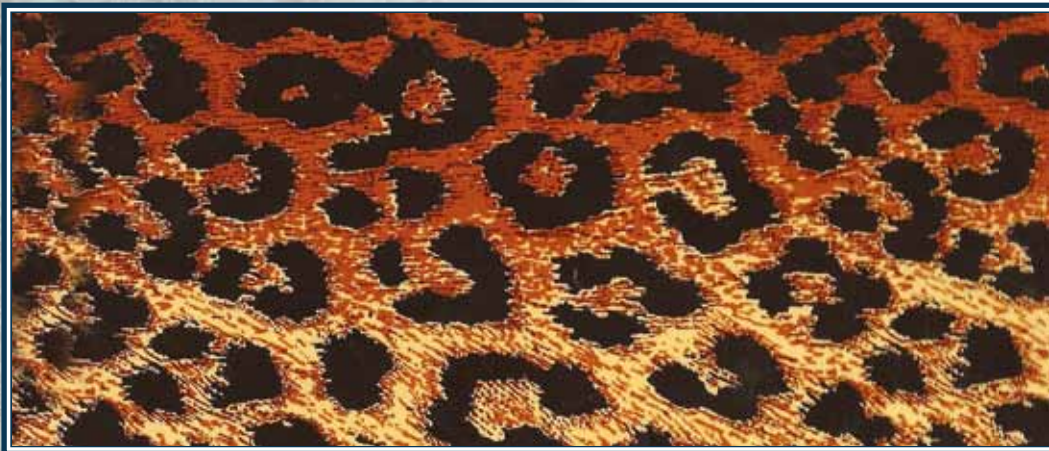
Water



PE 411 + DS 810 + 6012/21
(Indoor)

PE 411 + DS 810 S + 6012/21
(Outdoor)

Leopard



PE 411 + DS 810 + 6009/01
(Indoor)

PE 411 + DS 810 S + 6009/01
(Outdoor)

Decorative Systems

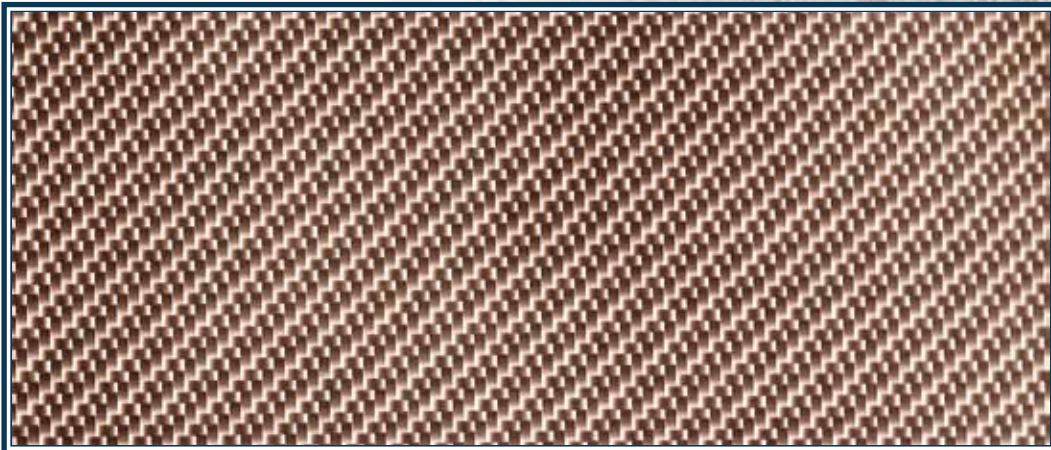
Camouflage



PE 411 + DS 810 + 6010/55
(Indoor)

PE 411 + DS 810 S + 6010/55
(Outdoor)

Carbon Fiber



PE 411 + DS 810 + 6001/01
(Indoor)

PE 411 + DS 810 S + 6001/01
(Outdoor)

Mossy Oak



PE 411 + DS 810 + 6035/01
(Indoor)

PE 411 + DS 810 S + 6035/01
(Outdoor)



Decorral Systems

Decorral System







Systems



Decorative Systems

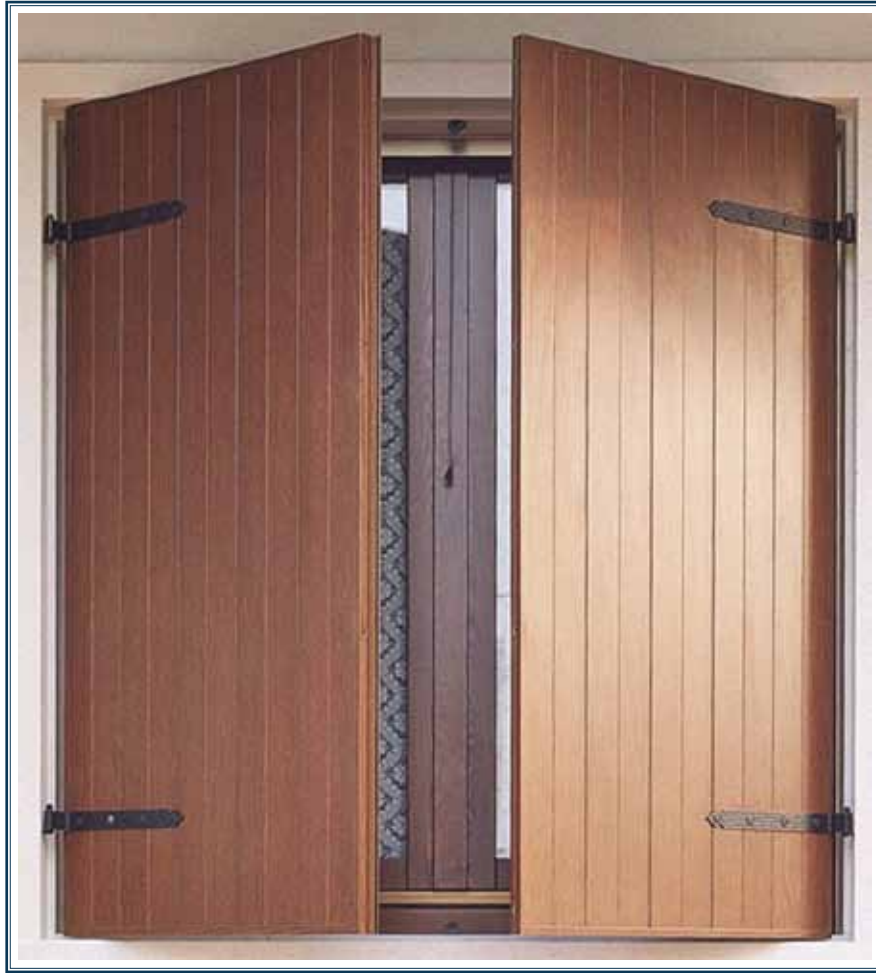








Decorative Systems









System

Licences & Certificates

Decorora



The
United
States
of
America



The Director of the United States Patent and Trademark Office

Has received an application for a patent for a new and useful invention. The title and description of the invention are enclosed. The requirements of law have been complied with, and it has been determined that a patent on the invention shall be granted under the law.

Therefore, this

United States Patent


Grants to the person(s) having title to this patent the right to exclude others from making, using, offering for sale, or selling the invention throughout the United States of America or importing the invention into the United States of America for the term set forth below, subject to the payment of maintenance fees as provided by law.

If this application was filed prior to June 8, 1995, the term of this patent is the longer of seventeen years from the date of grant of this patent or twenty years from the earliest effective U.S. filing date of the application, subject to any statutory extension.

If this application was filed on or after June 8, 1995, the term of this patent is twenty years from the U.S. filing date, subject to any statutory extension. If the application contains a specific reference to an earlier filed application or applications under 35 U.S.C. 120, 121 or 365(c), the term of the patent is twenty years from the date on which the earliest application was filed, subject to any statutory extensions.

Director of the United States Patent and Trademark Office




Architectural Testing

COATING PERFORMANCE TEST REPORT

Rendered to:
DECORAL SYSTEM ITALIA

PRODUCT: DS 402 (9060-401) Wood Grain,
Powder Coated Aluminium Panels

Report No: 55336.81-106-31
Report Date: 06/24/11
Expiration Date: 12/23/12

130 Derry Court
York, PA 17403-9405
phone: 717-764-7700
fax: 717-764-4129
www.archtest.com


RINA

PRODUCT VERIFICATION (MODULE F)
CERTIFICATE Nr. MED157511VE

This is to certify that the Surveyor mentioned hereinafter did at the Manufacturer's request examine the construction and witness the testing of the equipment (lot of products) to ascertain its (their) conformity with the type(s) described in the EC Type Examination Certificate(s) corresponding to the MODULE B of the Council Directive 95-95 and subsequent Amendments

Surveyor MED Item A" Description	Enrico Morassutti A.10.18b Surface materials and floor coverings with low flame-spread characteristics - (b) paint systems
Type Applicant	SUBLIMATIC DECORAL EFFECT VIV DECORAL SPA VIALE DEL LAVORO N 5 37040 ARCOLE (VR) ITALY
Module B certificate	Number: MED102710CS Date: 10/05/2010 Notified Body: RINA (No. 0474)

Issued at: **VENEZIA** On: **August 2, 2011**

This Certificate consists of this sheet plus an attachment
On the basis of conditions stated in the Article 11 of the Directive, this Certificate allows the Manufacturer to affix the following symbol to the equipment (lot of products) identified in the above box.

 **0474.11**



RINA - Paolo Chiappini




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Tel +39 010 83881
Fax +39 010 5399200

LICENCE CERTIFICATE

**AUTHORIZATION TO USE
THE QUALITY MARK**


DECORATIONS CLASS 2



This is to certify that

DECORAL SYSTEM
Viale del Lavoro, 37040 Arcole (VR)
Licence number: FS-001


is authorised to use the quality mark shown above on the class 2 decorated products listed in the annex A in accordance with the QUALIDECO Specifications.


Date of issue of the licence: **22.02.1999**

Period of validity of the licence: **until 31.12.2012**

Zurich, 24 January 2012

QUALICOAT


Mohammed C. Panam President
Josef Schoppig General Secretary
Juan A. Benabé QUALIDECO Committee
Cesare Muccio QUALITAL President


CATAS

Rapporto di Prova n°: **41618 / 1** Spett. **DECORAL SYSTEM S.R.L.**
Data di Ricevimento: **15-09-03** **VIALE DEL LAVORO, 5**
Data di Esecuzione: **01-10-03** **37040 ARCOLE (VR)**
Data di Emissione: **01-10-03** **ITALY**
Denominaz. campione: **6458**

Abrasiona Taber UNI 9115/87



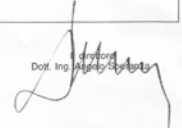
Tipo di materiale sottoposto a prova: **metallo rivestito**

Risultati della prova:

Provetta n°	RA giri	GA mg/100 giri	Osservazioni
1	225	25	///
2	225	24	///
3	225	21	///
Valore medio	225	23	

Livello di prova raggiunto: **4**

Lotto carte abrasive	1813	del 2002
Durezza media ruote	55 Shore A	

responsabile di reparto    **Dot. Ing. Alfredo Sforza**

La denominazione del campione è quella dichiarata dalla Ditta richiedente. Questo rapporto di prova riguarda il campione sottoposto a prova e solo esso. Aggiunte, cancellazioni o alterazioni non sono ammesse. Il rapporto di prova non può essere riprodotto parzialmente. La frase "provato da Catas" può essere riportata nella pubblicità del prodotto. Il termine "approvato" non deve essere assolutamente usato.

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Decorai System



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