

FENIX NTM™



NANOTECH
MATT SURFACE

FENIX NTM,TM
THE SMART MATERIAL
FOR INTERIOR DESIGN.
NANOTECH MATT SURFACE.
MADE IN ITALY.



A TIMELESS MATERIAL FOR NEVERENDING DESIGN STORIES.

FENIX NTM™ is an innovative material created for interior design applications by Arpa Industriale. It is produced through high pressure thermo-lamination and is suitable for both vertical and horizontal use. The core structure of FENIX NTM™ is composed of kraft paper impregnated with thermosetting resins.

The external surface of FENIX NTM™ involves the use of nanotechnology and its decor is obtained through next generation resins developed thanks to Arpa Industriale's research.

FENIX NTM™ is suitable for different interior design applications: kitchens, hospitality, healthcare, bathrooms, furniture (tables, bookshelves, partitions, chairs, etc.).



OPEN YOUR MIND AND CREATE SURFACES FOR NEW THOUGHTS.

FENIX NTM™ è un materiale innovativo di Arpa Industriale creato per l'interior design, prodotto attraverso termolaminazione ad alta pressione e adatto ad applicazioni sia verticali sia orizzontali. La struttura (core) di FENIX NTM™ è composta da carta kraft impregnata in resina termoindurente. La parte esteriore di FENIX NTM™ è ottenuta con l'ausilio di nanotecnologie ed è caratterizzata da una superficie decorativa trattata con resine di nuova generazione frutto della ricerca di Arpa. FENIX NTM™ è adatto a molteplici applicazioni tipiche dell'interior design: cucine, hospitality, healthcare, bagni, elementi di arredo (tavoli, librerie, partizioni, sedie, ecc.).

FENIX NTM™ ist ein bahnbrechendes Material kreiert von Arpa speziell für den Einsatz im Interiorbereich. Es wird in einem speziellen Verfahren durch thermischen Hochdruck hergestellt und ist sowohl für vertikale als auch horizontale Applikationen geeignet. Der Kern von FENIX NTM™ besteht aus mehreren Lagen Phenolkernpapieren die mit duroplastischen Harzen getränkt werden. Die dekorative Oberfläche wird durch eine spezielle Nanotechnologie veredelt. Eine neue Generation von Harzen wurde hierfür von Arpa entwickelt.

FENIX NTM™ eignet sich für die vielseitigsten Anwendungen im Innenbereich: Küche, Sanitär, Bad und Möbel (Tische, Regale, Abtrennungen, Stühle u.v.m.).

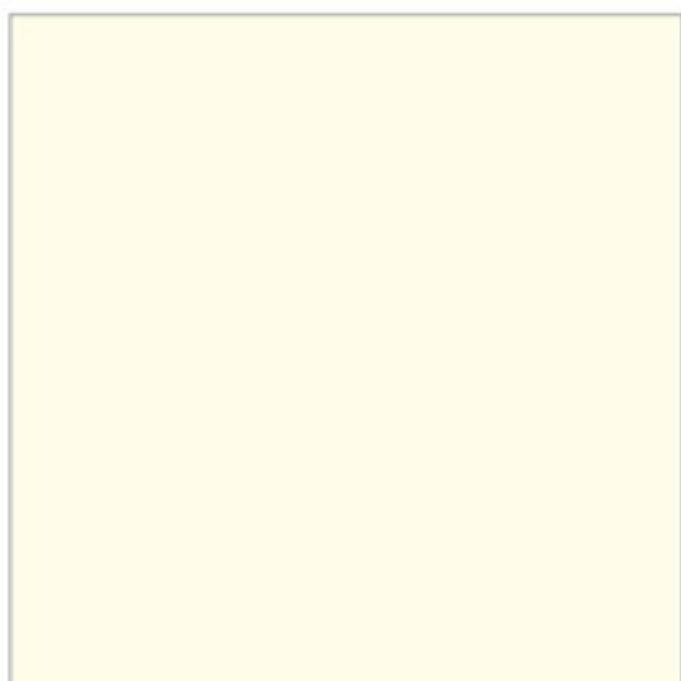
FENIX NTM™ est un produit innovant créé par Arpa Industriale pour des applications intérieures design. Fabriqué à haute pression et haute température, il est parfaitement adapté aux applications verticales et horizontales. Le noyau du produit FENIX NTM™ est composé de papier kraft imprégné de résines thermodurcissables. La surface décorative de FENIX NTM™ est obtenue par l'utilisation de la nanotechnologie combinée à des résines de nouvelle génération développées grâce à la recherche d'Arpa Industriale. FENIX NTM™ est recommandé pour de nombreuses applications de design intérieur telles que cuisines, hôtellerie, hôpitaux, salles de bains, mobilier (tables, bibliothèques, partitions, cloisons, etc.).

FENIX NTM™ es un material innovador creado para aplicaciones de diseño de interior por Arpa Industriale, producido a través de laminación térmica de alta presión y adecuado para aplicaciones tanto verticales como horizontales. El núcleo de FENIX NTM™ está compuesto de papel kraft impregnado con resina termoendurecible. La superficie exterior de FENIX NTM™ se obtiene con la aplicación de la nanotecnología y se caracteriza por una superficie decorativa tratada con resinas de nueva generación resultado de la investigación de Arpa Industriale. FENIX NTM™ es adecuado para múltiples aplicaciones del diseño de interior: cocina, hostelería, sanidad, baños, muebles (mesas, estanterías, tabiques, sillas, etc.).

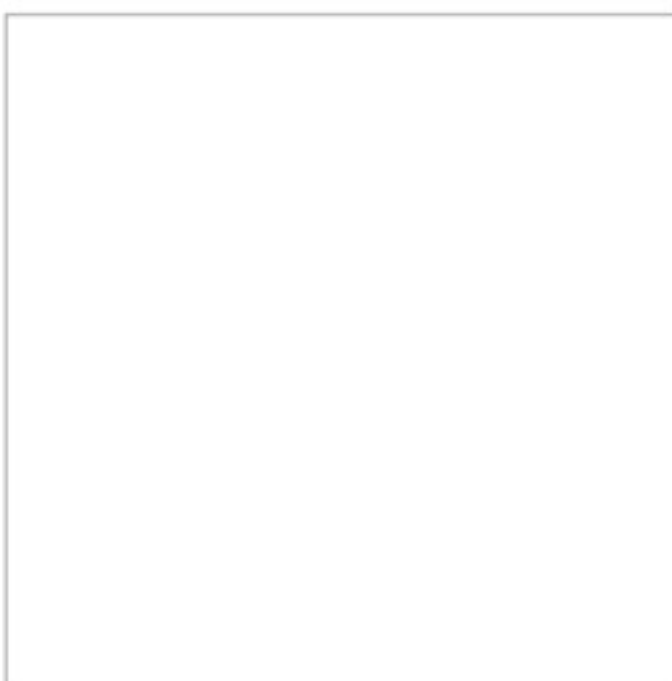
DECORS

COLORSINTESI

0029



0030



0719



0716



0717



0718



0721



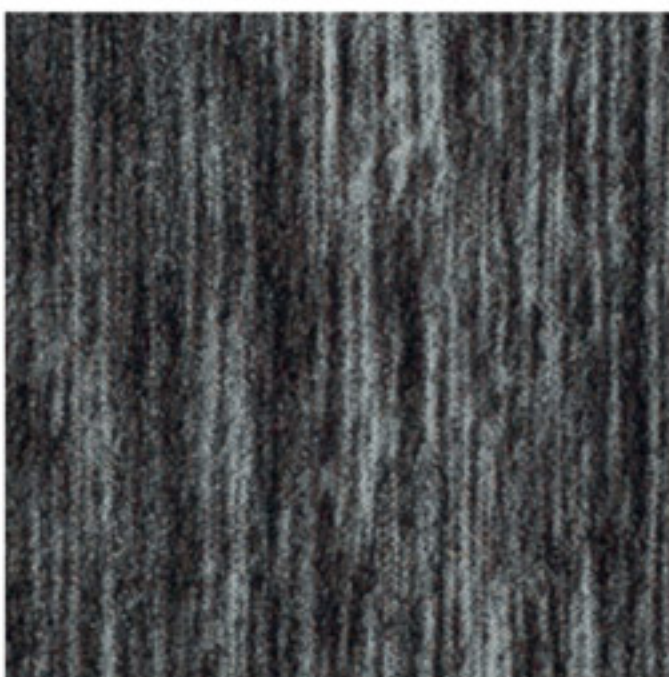
0720



DECORS

WOODS & MATERIC EXPRESSIONS

4555



4556



3372



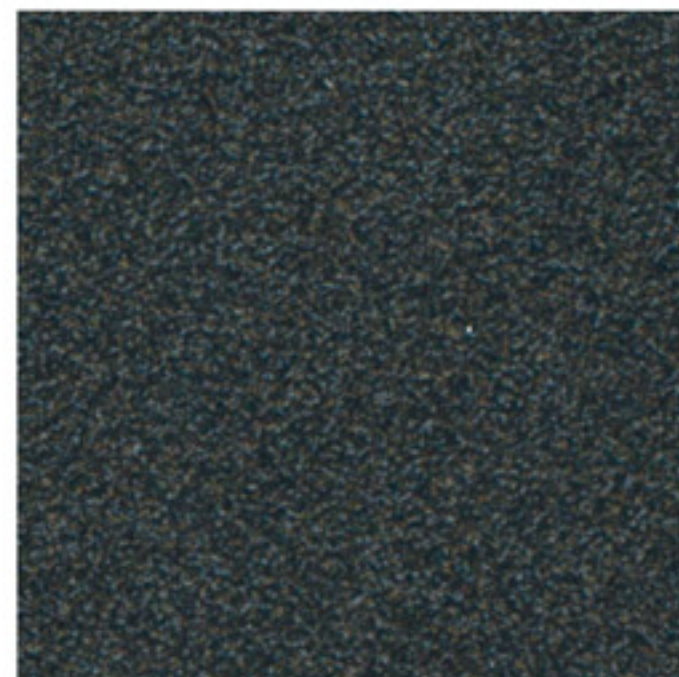
2628

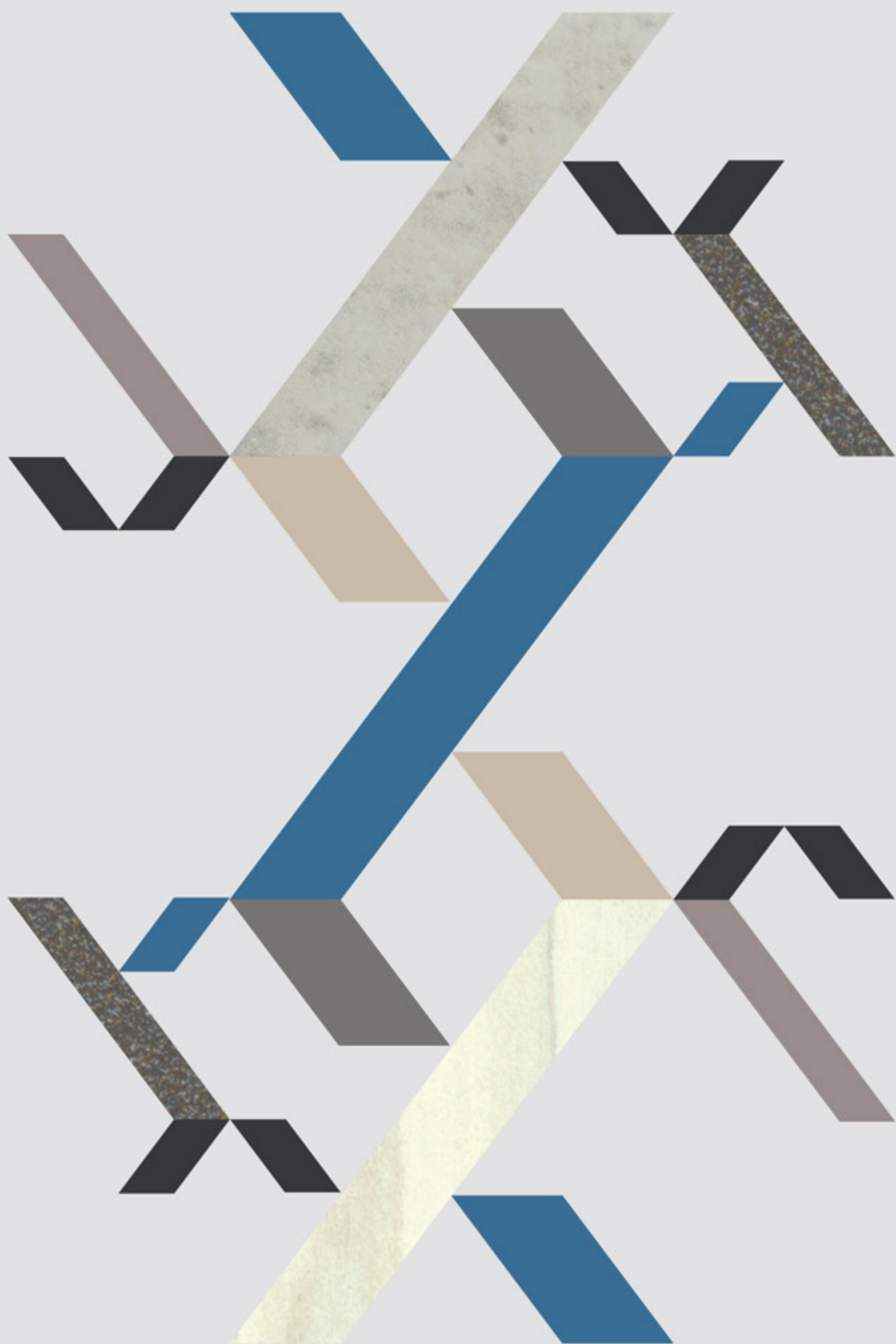


2629



2630





FEATURES

LOW LIGHT REFLECTIVITY, EXTREMELY MATT SURFACE
ANTI-FINGERPRINT
THERMAL HEALING OF MICROSCRATCHES
SOFT TOUCH



Bassa riflessione della luce, superficie estremamente opaca
Anti-impronta
Riparabilità termica dei micrograffi
Morbidezza al tatto

Faible réflectivité, surface extrêmement mate
Aucune trace de doigts
Reparation thermique des micro-rayures
Toucher soyeux

Geringe Lichtreflexion, extrem matte Oberfläche
Keine Fingerabdrücke
Thermische Bearbeitung von Kratzern möglich
Weicher Touch

Reflectancia mínima de la luz, superficie extremadamente mate
Anti-huella digital
Reparabilidad térmica de microarañazos
Suave al tacto

Please visit arpaindustriale.com or fenixntm.com
to download the most updated release of FENIX NTM™ technical data sheets.

FEATURES



Resistance to scratches and abrasion

Resistenza ai graffi e all'abrasione
Résistance aux rayures et à l'abrasion
Resistent gegen Kratzer und Abrieb
Resistencia a los arañazos y a la abrasión



Enhanced anti-bacterial properties

Alta attività di abbattimento della carica batterica
Propriétés antibactériennes renforcées
Verbesserte antibakterielle Eigenschaften
Propiedad anti-bacterias reforzada



Hygienic

Igienico
Hygiène
Hygienisch
Higiénico



Suitable for contact with food

Idoneo al contatto con gli alimenti
Agréé pour le contact alimentaire
Geeignet für den Kontakt mit Lebensmitteln
Apto para el contacto con alimentos



Easy to clean

Facile da pulire
Facilité d'entretien
Einfach zu Reinigen
Fácil de limpiar



Mold-resistant

Antimuffa
Résistance aux moisissures
Schimmelsicher
Antioxidante libre de moho



Antistatic

Antistatico
Antistatique
Antistatisch
Antiestático



Hydro-repellent

Idrorepellente
Imperméable
Wasserabweisend
Hidrófugo

FEATURES



Dimensional stability even at high temperature changes

Stabilità dimensionale in presenza di elevata variazione termica
Stabilité dimensionnelle
Hohe dimensionale Stabilität auch bei großen Temperaturschwankungen
Estabilidad dimensional en caso de elevada variación térmica



Resistance to impact

Resistenza all'urto
Résistance aux chocs
Schlagfest
Resistencia al impacto



Lightfastness

Stabilità alla luce
Résistance à la lumière
Lichtecht
Estabilidad a la luz



Resistance to dry heat

Resistenza al calore secco
Résistance à la chaleur sèche
Resistent gegen trockene Hitze
Resistencia al calor seco



Excellent intensity and colour depth

Eccellente intensità e profondità del colore
Profondeur et intensité des couleurs
Exzellente Farbtiefe und dekorativer Ausdruck
Excelente intensidad y profundidad del color



Rub resistance

Resistenza allo strofinamento
Résistance au frottement
Wischfest
Resistente a la fricción regular



High resistance to acid solvents and household reagents

Elevata resistenza a solventi acidi e ai reagenti di uso domestico
Grande résistance aux solvants et nettoyeurs ménagers
Resistent gegen säurehaltige und alle haushaltsüblichen Reiniger
Alta resistencia a disolventes ácidos y reactivos para uso doméstico



Self-supporting (only for 10 and 12 mm)

Autoportante (solo per gli spessori 10 e 12 mm)
Autoportant (uniquement en 10 et 12 mm)
Selbsttragend (in den Stärken 10 und 12 mm)
Autoportante (únicamente en 10 y 12 mm)

APPLICATIONS

KITCHEN
HOSPITALITY
HEALTHCARE
BATHROOM
FURNITURE

Cucina
Hospitality
Healthcare
Bagno
Arredamento

Cuisines
Hotels et restaurants
Santé
Salles de bain
Mobilier

Küche
Bewirtung
Gesundheitswesen
Bad- und Sanitärbereich
Möbel

Cocina
Hostelería
Sector sanitario
Baño
Mobiliario

COMPOSITION

≈70% ≈30%
Paper Resins

Nanotech coating

Superficie ottenuta con l'ausilio di nanotecnologie
Revêtement nanotech
Nanotech Beschichtung
Revestimiento con nanotecnología

Decorative paper

Carta decorativa
Papier décoratif
Dekorpapier
Papel decorativo

Core (Kraft paper)

Decorative paper

Carta decorativa
Papier décoratif
Dekorpapier
Papel decorativo

Nanotech coating

Superficie ottenuta con l'ausilio di nanotecnologie
Revêtement nanotech
Nanotech Beschichtung
Revestimiento con nanotecnología



Single sided

Double sided


Core

mm
4200 4300
1600 1850

mm
0.9 1.2* 10 12

Single
Sided

Double
Sided

0029 Bianco Malé	Black Kraft Brown White White	KN STD KP KP	• • • •	• 	• • 	• 	• • 	• • • 	• •
0030 Bianco Alaska	Black Kraft Brown White White	KN STD 0249 0249	• • • •	• • 	• • 	• 	• • 	• • • 	• •
0719 Beige Luxor	Black Kraft Brown Beige	KN STD 0247	• • •	• • 	• • 	• 	• • 	• • • 	• •
0716 Rosa Colorado	Black Kraft Brown Brown	KN STD 0576	• • •	• • 	• • 	• 	• • 	• • • 	• •
0717 Castoro Ottawa	Black Kraft Brown Brown	KN STD 0576	• • •	• • 	• • 	• 	• • 	• • • 	• •
0718 Grigio Londra	Black Kraft Brown Grey	KN STD KGS	• • •	• • 	• • 	• 	• • 	• • • 	• •
0721 Blu Delft	Black Kraft Brown Blue	KN STD 0659	• • •	• • 	• • 	• 	• • 	• • • 	• •
0720 Nero Ingo	Black Black Black	KN KN KN	• • •	• • 	• • 	• 	• • 	• • • 	• •
4555 Juzu	Black Black Black	KN KN KN	• • •	• • 	• • 	• 	• • 	• • • 	• •
4556 Momiji	Black Kraft Brown White	KN STD KP	• • •	• • 	• • 	• 	• • 	• • • 	• •
2628 Zinco Doha	Black Kraft Brown Grey	KN STD 0247	• • •	• • 	• • 	• 	• • 	• • • 	• •
2629 Bronzo Doha	Black Kraft Brown Brown	KN STD 0553	• • •	• • 	• • 	• 	• • 	• • • 	• •
2630 Piombo Doha	Black Black Black	KN KN KN	• • •	• • 	• • 	• 	• • 	• • • 	• •
3372 Agadir	Black Kraft Brown Sand	KN STD 0201	• • •	• • 	• • 	• 	• • 	• • • 	• •

* Multicolor Evolution with matched colour core / Multicolor Evolution con cuore a tema / Multicolor Evolution avec cœur coloré / Multicolor Evolution mit passenden Kernlagen zum Oberflächendekor / Multicolor Evolution con núcleo de color símil al de la superficie.

OVER 50 YEARS OF RESEARCH, TECHNOLOGY AND INNOVATION.

Since 1954 Arpa Industriale has been designing and manufacturing panels with very high quality HPL technology for the most diverse applications: from architecture to interior design, from healthcare to shipyards, from transport to hospitality, from retail to kitchens.

Dal 1954, Arpa progetta e produce pannelli con tecnologia HPL di alta qualità per le più svariate destinazioni d'uso: dall'architettura al design d'interni, dall'health care alla cantieristica navale, dal trasporto all'hospitality, dal retail al kitchen.

Seit 1954 fertigt und entwickelt Arpa Industriale hochwertige HPL- und Vollkernplatten für die Innenanwendung: von der Küche bis zu medizinischen Bereichen, im Laden- und Messebau, im Schiffsbau und in Sanitärbereichen, im Gastro- und Hotelbereich - vielfältigste Anwendungen für Objekt und Architektur.

Depuis 1954, Arpa Industriale conçoit et fabrique des panneaux HPL haut de gamme pour les applications les plus diverses : des projets architecturaux aux agencements intérieurs, des établissements médicaux aux chantiers navals, du transport au réceptif, des boutiques aux cuisines.

Desde 1954, Arpa Industriale diseña y fabrica paneles HPL con tecnología de la más alta calidad para los más diversos usos y aplicaciones: en arquitectura y diseño de interiores, para astilleros, cocinas, para los sectores sanitario, de hotelería y turismo, de transportes, de venta al por menor...

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