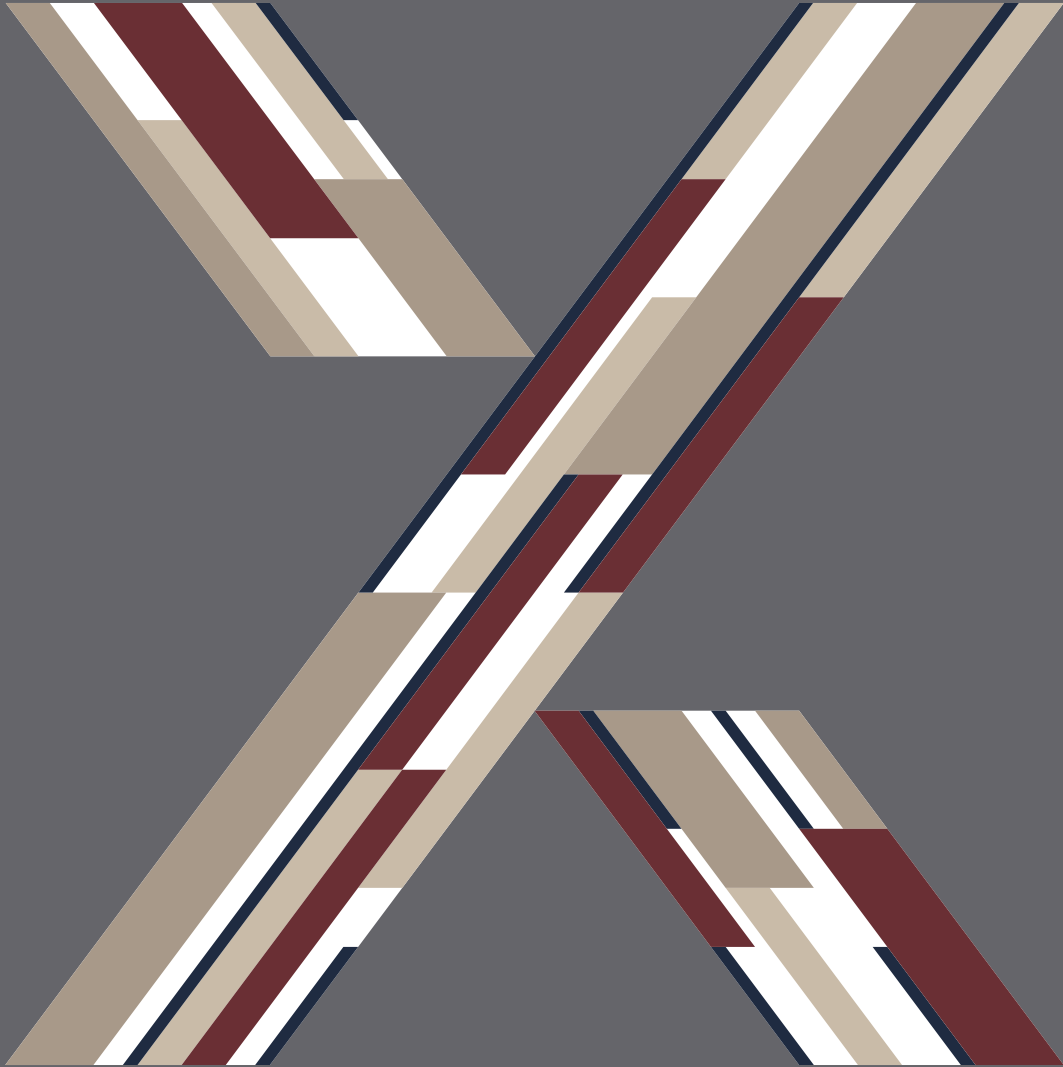


FENIX NTM®



NANOTECH MATT MATERIAL
FOR INTERIOR DESIGN.

FENIX NTM®
THE NEW GENERAL COLLECTION
FOR NEVERENDING DESIGN STORIES.



Lepic, Tokyo - Schiffini
design by Jasper Morrison



NANOTECH MATT MATERIAL FOR INTERIOR DESIGN. MADE IN ITALY SINCE 2013.

FENIX NTM® is an innovative material created for interior design applications by Arpa Industriale. It is suitable for both vertical and horizontal use.

The external surface of FENIX NTM involves the use of multilayer coating and nanotechnology and it is characterized by next generation acrylic resins, hardened and fixed with Electron Beam Curing process.

With low light reflectivity, its surface is extremely opaque, anti fingerprint and features a very pleasant soft touch.

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

FENIX NTM® è un materiale innovativo di Arpa Industriale creato per l'interior design, adatto ad applicazioni sia verticali sia orizzontali. La parte esteriore di FENIX NTM è ottenuta con l'applicazione di un coating multistrato e l'ausilio di nanotecnologie; si caratterizza, inoltre, per un trattamento sulla superficie con resine acriliche di nuova generazione, indurite e fissate attraverso il processo di Electron Beam Curing. Con una bassa riflessione della luce, la sua superficie è estremamente opaca, anti impronte digitali e piacevolmente soft touch.

FENIX NTM è adatto alle molteplici applicazioni tipiche dell'interior design: cucine, hospitality, healthcare, trasporti, bagni, elementi di arredo (tavoli, librerie, partizioni, sedie).

FENIX NTM® est un produit innovant créé par Arpa Industriale pour des applications de design intérieur. Il est parfaitement adapté aux applications verticales et horizontales. La surface décorative de FENIX NTM est obtenue grâce à la nanotechnologie par un revêtement multicouche combiné à des résines acryliques de nouvelle génération, durcies par un processus de polymérisation par faisceau d'électrons (Electron Beam Curing). Avec une très faible réflectivité, sa surface est extrêmement opaque, anti-traces de doigts et offre un toucher très soyeux. FENIX NTM est recommandé pour de nombreuses applications de design intérieur telles que cuisines, hôtellerie, hôpitaux, transports, salles de bains, mobilier (tables, bibliothèques, cloisons, chaises).

FENIX NTM® ist ein bahnbrechendes Material kreiert von Arpa speziell für den Einsatz im Interiorbereich. Es ist sowohl für vertikale als auch horizontale Applikationen geeignet. Die dekorative Oberfläche von FENIX NTM, die durch den Einsatz eines besonderen Herstellverfahrens - der Elektronenstrahlhärtung - veredelt wird, beinhaltet die Verwendung von Mehrschichtlackierung (Multilayer coating) und Nanotechnologie. Zudem wurde eine neue Generation von Acrylharz hierfür von Arpa entwickelt, welcher in unserem Werk selbst hergestellt wird.

So stellen wir durch eigene Herstellung aller Komponenten die gleichbleibend hohe Qualität von FENIX NTM sicher. Es zeichnet sich durch eine sehr geringe Lichtreflexion aus, ist dadurch extrem matt und verleiht der Oberfläche einen weichen, samtigen Touch.

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

FENIX NTM® es un material innovador creado por Arpa Industriale para aplicaciones de diseño de interior, adecuado para aplicaciones tanto verticales como horizontales. La superficie exterior de FENIX NTM se obtiene con la aplicación de la nanotecnología y de un sistema de recubrimiento multicapa. Además se caracteriza por el uso de resinas acrílicas que son endurecidas y fijadas a través de un proceso de Electron Beam Curing. Con una baja reflectancia de la luz, su superficie es extraordinariamente mate, antihuella digital, agradable y suave al tacto. FENIX NTM es adecuado para múltiples aplicaciones del diseño de interior: cocina, hostelería, sanidad, transportes, baños, muebles (mesas, estanterías, tabiques, sillan).



The Cut - Record è Cucine
design by Alessandro Isola



Reception Area
Pinacoteca di Brera Museum, Milano





Clavis - Tecno
design by Tecno & Daniele Del Missier



Woman - Albaplust
design by Paolo Zanotto

COLOURS

0032 Bianco Kos

0725 Grigio Efeso

0029 Bianco Malè

0030 Bianco Alaska

0752 Grigio Antrim

COLOURS

2630 Piombo Doha



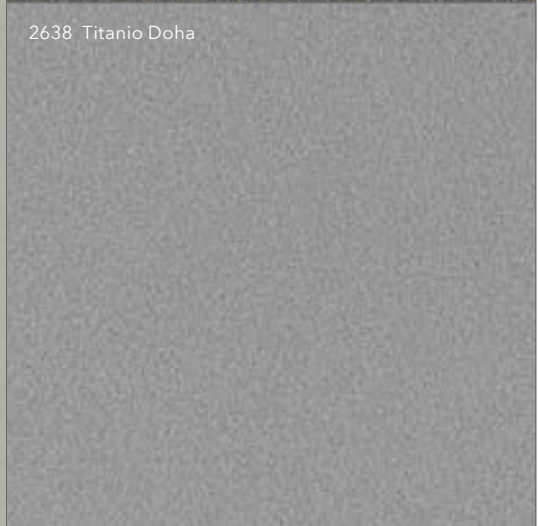
2629 Bronzo Doha



2628 Zinco Doha



2638 Titanio Doha



COLOURS

0719 Beige Luxor

0748 Beige Arizona

0717 Castoro Ottawa

0749 Cacao Orinoco

0751 Rosso Jaipur

COLOURS

0750 Verde Comodoro

0718 Grigio Londra

0720 Nero Ingo

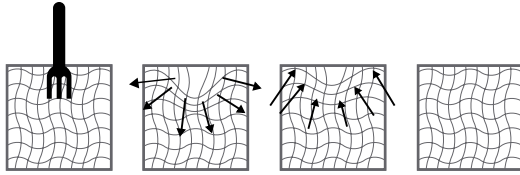
0724 Grigio Bromo

0754 Blu Fes

FEATURES

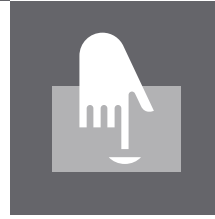
Thermal healing of superficial microscratches

Riparabilità termica dei micrograffi superficiali
 Réparation thermique des micro-rayures superficielles
 Thermische Bearbeitung von oberflächlichen Kratzern
 Reparabilidad térmica de microarañazos superficiales



Anti-fingerprint

Anti-impronta
 Aucune trace de doigts
 Keine Fingerabdrücke
 Anti-huella digital



Low light reflectivity, extremely matt surface

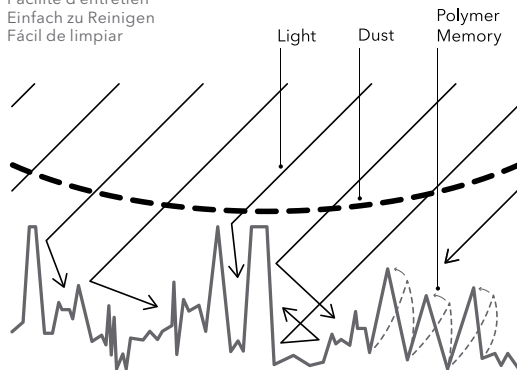
Bassa riflessione della luce, superficie estremamente opaca
 Faible réflectivité, surface extrêmement mate
 Geringe Lichtreflexion, extrem matte Oberfläche
 Reflectancia mínima de la luz, superficie extremadamente mate

Soft touch

Morbidezza al tatto
 Toucher soyeux
 Weicher Touch
 Suave al tacto

Easy to clean

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



FEATURES

Suitable for contact with food

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

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

Enhanced anti-bacterial properties

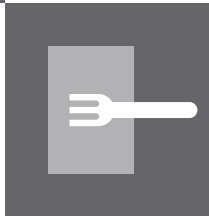
Alta attività di abbattimento della carica batterica
Propriétés antibactériennes renforcées
Verbesserte antibakterielle Eigenschaften
Propiedad anti-bacterias reforzada

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

Resistance to dry heat

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



Hygienic

Igienico
Hygiène
Hygienisch
Higiénico



Rub resistance

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



Mold-resistant

Antimuffa
Résistance aux moisissures
Schimmelsicher
Antioxidante libre de moho



Antistatic

Antistatico
Antistatique
Antistatisch
Antiestático



Self-supporting (for 6, 8, 10 and 12 mm)

Autoportante (per gli spessori 6 - 8 - 10 - 12 mm)
Autoportant (en 6 - 8 - 10 - 12 mm)
Selbsttragend (in den Stärken 6 - 8 - 10 - 12 mm)
Autoportante (en 6 - 8 - 10 - 12 mm)



Dimensional stability even at high temperature changes

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



Hydro-repellent

Idrorepellente
Imperméable
Wasserabweisend
Hidrófugo



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



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



Meety - Arper
design by Lievore Altherr Molina

COLLECTION

Code	Name	Code	Name	Code	Name
0029	Bianco Malè	0724	Grigio Bromo	0752	Grigio Antrim
0030	Bianco Alaska	0725	Grigio Efeso	0754	Blu Fes
0032	Bianco Kos	0748	Beige Arizona	2628	Zinco Doha
0717	Castoro Ottawa	0749	Cacao Orinoco	2629	Bronzo Doha
0718	Grigio Londra	0750	Verde Comodoro	2630	Piombo Doha
0719	Beige Luxor	0751	Rosso Jaipur	2638	Titanio Doha
0720	Nero Ingo				

Thickness mm	Colour 	Type/Core 	Size	
			 3050x1300 mm	 4200x1600 mm
0,9 mm	All FENIX NTM range	Standard	•	•
1,2 mm	All FENIX NTM range	With matched colour core	•	•
10,0 mm	All FENIX NTM range	Double sided with matched colour core	•	•
	All FENIX NTM range except 0029, 0030, 0032, 0720	Single sided black core	•	•
	All FENIX NTM range	Double sided black core	•	•
12,0 mm	All FENIX NTM range	Double sided with matched colour core	•	•
	All FENIX NTM range except 0029, 0030, 0032, 0720	Single sided black core	•	•
	All FENIX NTM range	Double sided black core	•	•

Special thicknesses are available upon request with a minimum order quantity.

4,00 mm	All FENIX NTM range	Double sided with matched colour core	•	•
6,00 mm				
8,00 mm	All FENIX NTM range	Double sided black core	•	•

Customization available upon request for all thicknesses.
Protective film included.

CUSTOMIZE YOUR PROJECT

Several solutions to extend the Nanotech Matt material customisable design:

- Dye-Sublimation printing (DSU)
- Cut to Size (CTS)
- Laser Engraving (LEN)
- Computer Numeric Control Machining (CNC)
- Special Colours (SPC)

Molteplici soluzioni per ampliare le possibilità progettuali e di personalizzazione del Nanotech Matt material fra cui:

- Stampa a sublimazione (DSU)
- Taglio su misura (CTS)
- Incisione laser (LEN)
- Lavorazione con macchine a controllo numerico (CNC)
- Colori speciali (SPC)

Plusieurs solutions de personnalisation pour élargir les possibilités d'utilisation du matériau Nanotech :

- Impression par sublimation (DSU)
- Découpe sur mesure (CTS)
- Gravure au laser (LEN)
- Usinage à commande numérique par ordinateur (CNC)
- Coloris spéciaux (SPC)

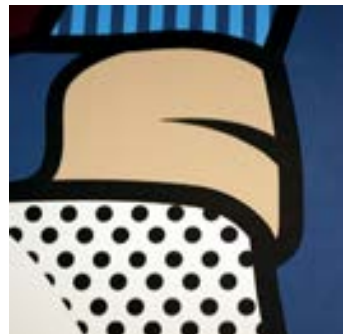
Mehrere Lösungen für individuelle Anwendung von Fenix NTM:

- Farbstoffsublimation zum Bedrucken der Oberfläche (DSU)
- Zuschnittservice (CTS)
- Laser Gravur (LEN)
- CNC gesteuerte Bearbeitung (CNC)
- Sonderfarben (SPC)

Soluciones múltiples para ampliar las posibilidades de diseño y personalización del Nanotech Matt material:

- Impresión por sublimación de color (DSU)
- Corte a medida (CTS)
- Grabado por laser (LEN)
- Mecanización por control numérico (CNC)
- Colores especiales (SPC)

For more information please contact your local representative.





Shine - De Padova
design by Vico Magistretti



APPLICATIONS

KITCHEN
 BATHROOM
 FURNITURE
 RETAIL
 HEALTHCARE
 HOSPITALITY
 OFFICE
 TRANSPORTATION
 INDUSTRIAL DESIGN

Cucina
 Bagno
 Arredamento
 Retail
 Healthcare
 Hospitality
 Uffici
 Trasporti
 Industrial design

Cuisines
 Salles de bain
 Mobilier
 Agencement
 Santé
 Hôtels et restaurants
 Bureaux
 Transports
 Industrial design

Küche
 Bad- und Sanitärbereich
 Möbel
 Ladenbau
 Bewirtung
 Gesundheitswesen
 Büro
 Transport
 Industrial design

Cocina
 Baño
 Mobiliario
 Comercios
 Sector sanitario
 Hostelería
 Oficina
 Transportes
 Industrial design

HONOURS AND AWARDS



First Prize
 Design Category



Best Design
 Material



Best of the Best



New Product Award



Honourable Mention
 ADI Compasso d'oro



Product
 Best of the Best

FENIX NTM certifications:

NFS
 GREENGUARD IAQ
 IMO MED (for thickness of 0.9 mm)



Arpa Industriale certifications:

ISO 9001
 OHSAS 18001



OVER 60 YEARS OF RESEARCH, TECHNOLOGY AND INNOVATION.

Since 1954 Arpa Industriale has been designing and manufacturing high quality HPL panels for the most diverse applications. In 2013 Arpa launched FENIX NTM, the innovative smart material for interiors developed by ArpaLab's international multidisciplinary team with proprietary in-house technologies.

Arpa: open innovation for interior design.

Dal 1954 Arpa Industriale progetta e produce pannelli con tecnologia HPL di alta qualità per molteplici applicazioni. Nel 2013 Arpa lancia FENIX NTM, l'innovativo smart material per l'interior design sviluppato grazie a tecnologie proprietarie da ArpaLab, un team di ricerca internazionale e multidisciplinare.
Arpa: open innovation for interior design.

Depuis 1954, Arpa Industriale conçoit et fabrique des panneaux HPL haut de gamme pour les applications les plus diverses. En 2013, Arpa a lancé FENIX NTM, le matériau intelligent innovant développé en interne avec des technologies exclusives par ArpaLab, une équipe internationale et pluridisciplinaire, pour le design intérieur.
Arpa: open innovation for interior design.

Seit 1954 design und fertigt Arpa Industriale sehr hochwertige Hochdrucklamine für die vielfältigsten Anwendungen im Innenbereich. 2013 wurde FENIX NTM vorgestellt: das innovative smarte supermatte Material entwickelt von Arpa Lab`s internationalem Team aus Designern und Produktentwicklern.
Arpa: open innovation for interior design.

Desde 1954, Arpa Industriale ha estado diseñando y produciendo paneles HPL de alta calidad para todo tipo de aplicaciones. En 2013, Arpa lanzó FENIX NTM, un material innovador e inteligente para interiores desarrollado con tecnologías propias por ArpaLab, un equipo internacional multidisciplinario.
Arpa: open innovation for interior design.

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