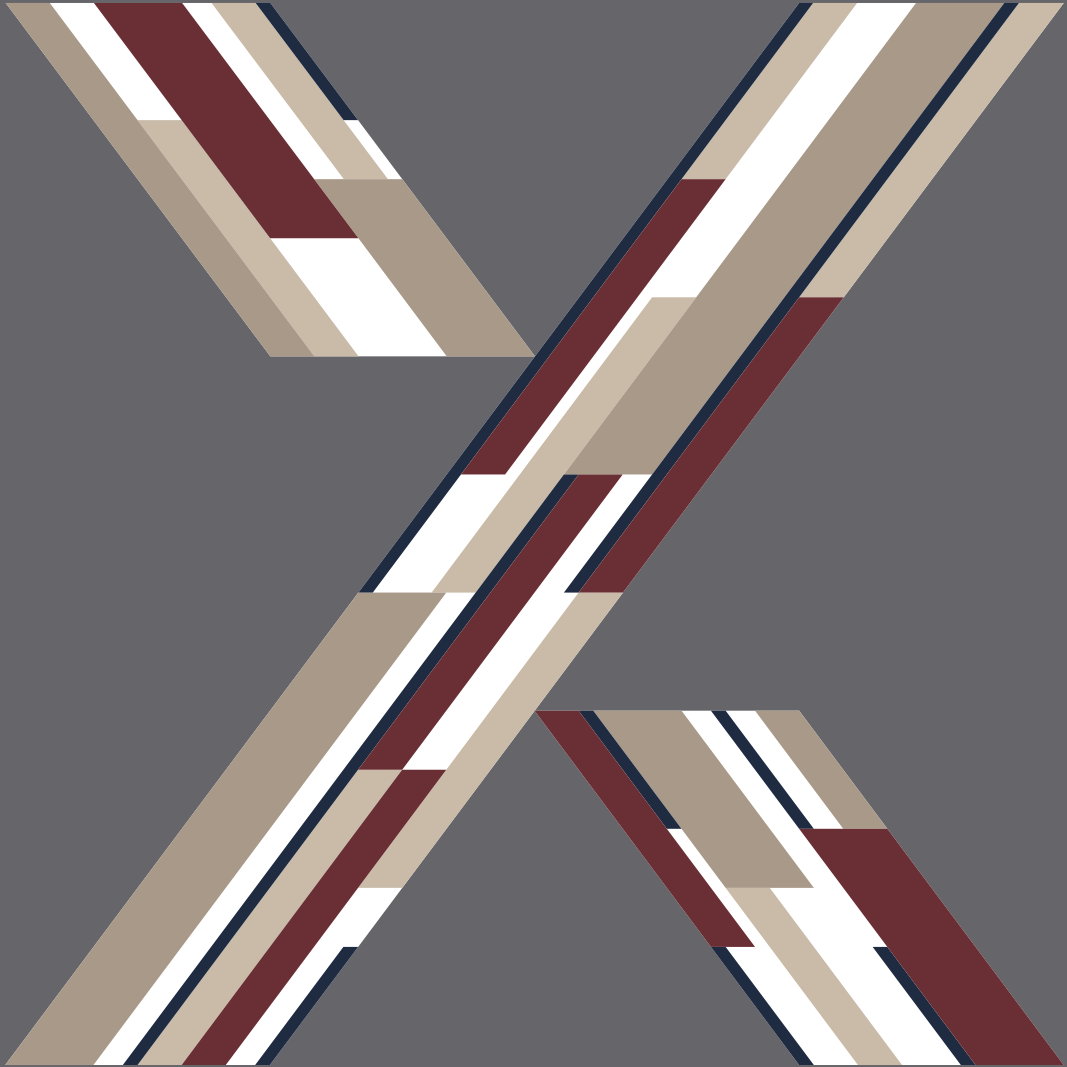


FENIX NTM®



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, sillas).



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

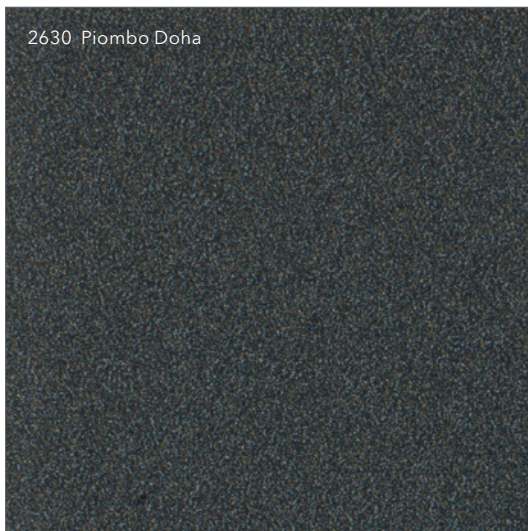
0029 Bianco Malè

0030 Bianco Alaska

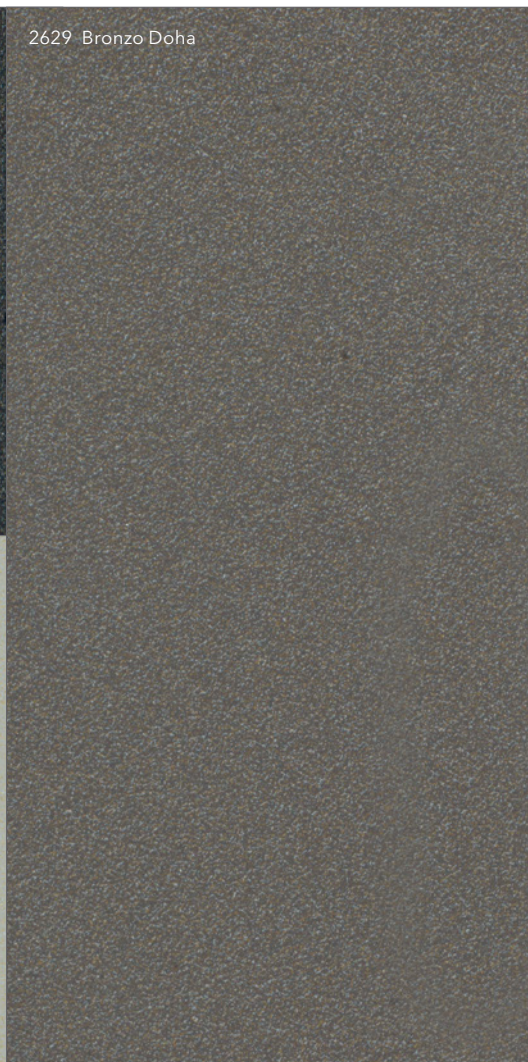
0752 Grigio Antrim

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

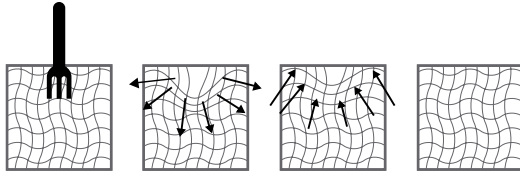
0724 Grigio Bromo

0754 Blu Fes

## FEATURES

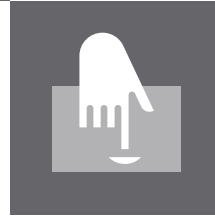
### Thermal healing of superficial microscratches

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

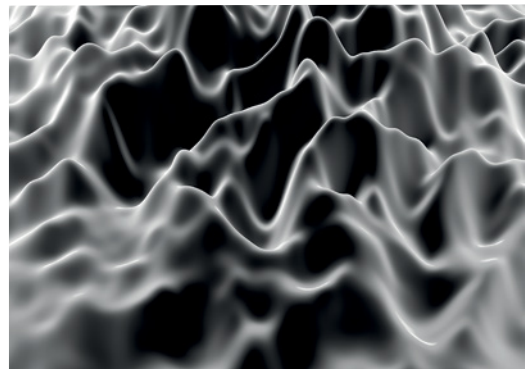
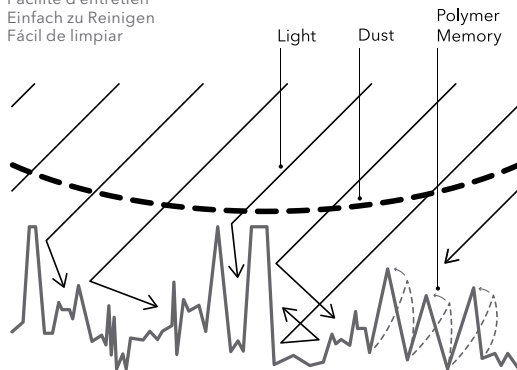
Bassa riflessione della luce, superficie estremamente opaca  
 Faible réflectivité, surface extrêmement mate  
 Geringe Lichtreflexion, extrem matte Oberfläche  
 Reflectancia mínima de la luz, superficie extremadamente mate

### 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

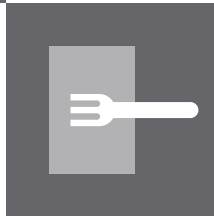
Alta attività di abbattimento della carica batterica  
Propriétés antibactériennes renforcées  
Verbesserte antibakterielle Eigenschaften  
Propiedad anti-bacterias reforzada

### 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.

# CUSTOMISE YOUR PROJECT

Several solutions to extend the Nanotech Matt material customisable design such as:

Cut to Size  
Laser Engraving  
Computer Numeric Control Machining  
Special Colours  
Dye-Sublimation printing

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

Stampa a sublimazione  
Taglio su misura  
Incisione laser  
Lavorazione con macchine a controllo numerico  
Colori speciali

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

Impression par sublimation  
Découpe sur mesure  
Gravure au laser  
Usinage à commande numérique par ordinateur  
Coloris spéciaux

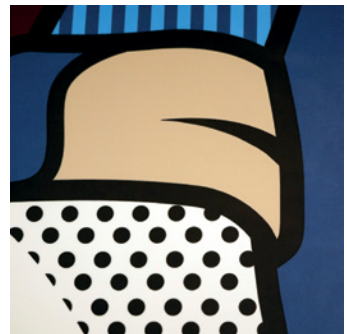
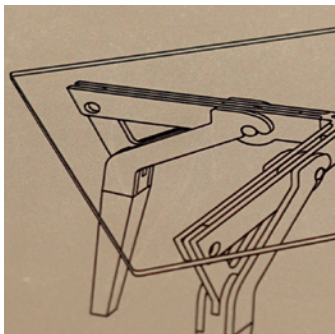
Mehrere Lösungen für individuelle Anwendung von Nanotech Matt material:


Farbstoffsublimation zum Bedrucken der Oberfläche  
Zuschnittservice  
Laser Gravur  
CNC gesteuerte Bearbeitung  
Sonderfarben

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

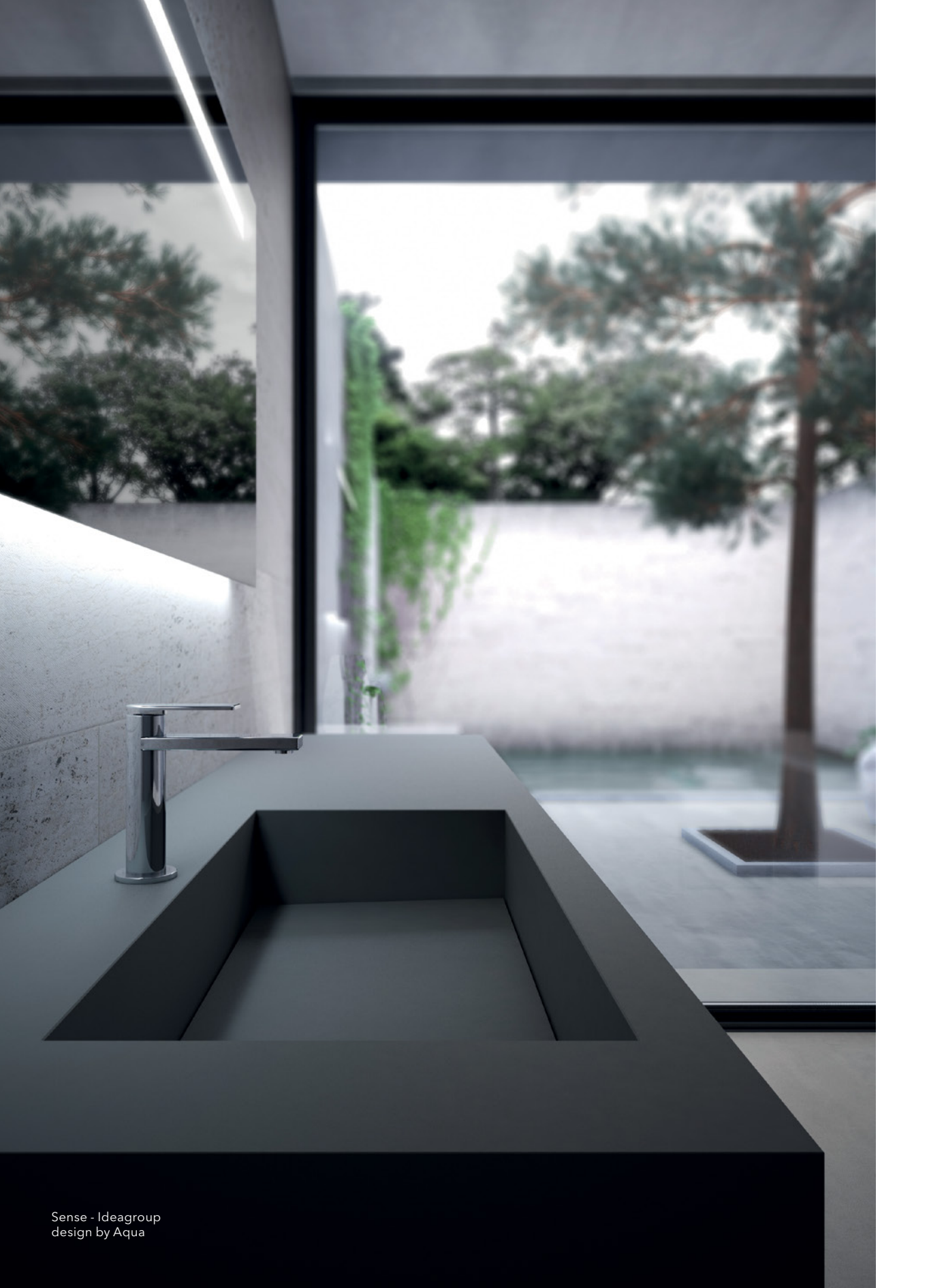
Impresión por sublimación de color  
Corte a medida  
Grabado por láser  
Mecanización por control numérico  
Colores especiales

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  
Hotels 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



MaterialPREIS

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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FENIX NTM®

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