

FENIX®



INNOVATIVE MATERIALS
FOR INTERIOR DESIGN

FENIX®



INNOVATIVE MATERIALS
FOR INTERIOR DESIGN

FENIX.
THE NEW GENERAL COLLECTION
FOR NEVERENDING DESIGN STORIES.



Carlo e Camilla in Duomo
Project by Gio Tiroto

INNOVATIVE MATERIALS FOR INTERIORS. ITALIAN DESIGN SINCE 2013.

FENIX are the innovative materials created for interior design by Arpa Industriale. Applying proprietary technologies, the external surface of FENIX is characterised by the use of next generation acrylic resins, hardened and fixed through an Electron Beam Curing process. With low light reflectivity, FENIX surface is extremely opaque, soft touch and anti-fingerprint. Thermal healing of superficial micro-scratches is also possible. Three types of materials are available:

FENIX NTM®, FENIX NTM Bloom®, FENIX NTA®.

They are suitable for both vertical and horizontal applications (kitchens, bathrooms, design furniture, retail, offices, and contract).

FENIX è la linea di materiali innovativi creati da Arpa Industriale per l'interior design.

La superficie esterna di FENIX, basata su tecnologie proprietarie, utilizza resine acriliche di nuova generazione, indurite e fissate attraverso un processo di Electron Beam Curing. Con una bassa riflessione della luce, la superficie di FENIX è estremamente opaca, anti-impronta e piacevolmente soft touch. È possibile la riparabilità termica dei micrograffi superficiali.

Sono disponibili tre tipi di materiale: FENIX NTM®, FENIX NTM Bloom® e FENIX NTA®.

Sono adatti sia per applicazioni verticali, sia orizzontali (cucine, bagni, design, elementi di arredo, retail, uffici e contract).

FENIX est une gamme de matériaux innovants créés par Arpa Industriale pour les applications de décoration intérieure.

Avec l'application de technologies exclusives, la surface externe de FENIX se distingue par l'utilisation de résines acryliques de nouvelle génération, durcies et fixées par le procédé de polymérisation par faisceau d'électrons.

Très peu réfléchissant, la surface de FENIX est extrêmement opaque, douce au toucher et anti-traces de doigts.

Un traitement thermique des micro-rayures superficielles est également possible. Trois types de matériaux sont disponibles: FENIX NTM®, FENIX NTM Bloom®, FENIX NTA®.

Les trois conviennent à toutes les applications, qu'elles soient verticales ou horizontales (cuisines, salles de bains, meubles design, commerces, bureaux et marchés).

FENIX sind die innovativen Materialien, die von Arpa Industriale für das Interior Design entwickelt wurden.

Durch die Anwendung proprietärer Technologien zeichnet sich die Außenfläche von FENIX durch die Verwendung von Acrylharzen der nächsten Generation aus, die durch Elektronenstrahlhärtung gehärtet und fixiert werden.

Mit geringem Lichtreflexionsvermögen ist die FENIX-Oberfläche extrem matt, weich in der Haptik und gegen Fingerabdrücke resistent. Die thermische Reparatur von oberflächlichen Mikrokratzern ist ebenfalls möglich. Es stehen drei Arten von Materialien zur Verfügung: FENIX NTM®, FENIX NTM Bloom®, FENIX NTA®.

Sie eignen sich sowohl für vertikale als auch für horizontale Anwendungen (Küchen, Bäder, Designmöbel, Einzelhandel, Büros und Objekte).

FENIX son los materiales innovadores creados para diseño de interiores por Arpa Industriale.

Al aplicar tecnologías patentadas, la superficie exterior de FENIX NTM se caracteriza por el uso de la siguiente generación de resinas acrílicas, endurecidas y fijadas con el proceso Electron Beam Curing. Con baja reflectividad lumínica, la superficie FENIX es extremadamente opaca, de tacto suave y antihuellas. La recuperación térmica de microarañazos superficiales también es posible.

Hay disponibles tres tipos de materiales: FENIX NTM®, FENIX NTM Bloom®, FENIX NTA®.

Son aptos tanto para aplicaciones verticales como horizontales (cocinas, baños, diseño de mobiliario, tiendas, oficinas y construcción).



Unit, Cesar Cucine
design by Garcia Cumini

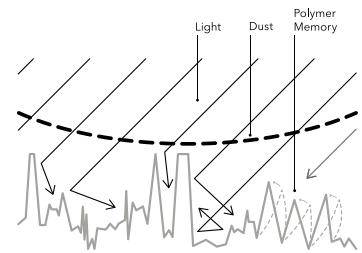


Brera 25, IOC Project Partners
design consulting by Gensler

FEATURES

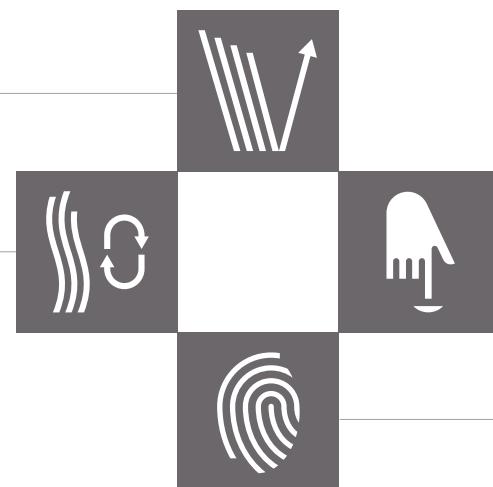
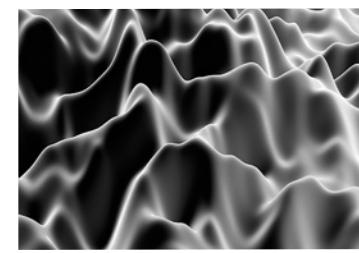
Low light reflectivity, extremely matt surface

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



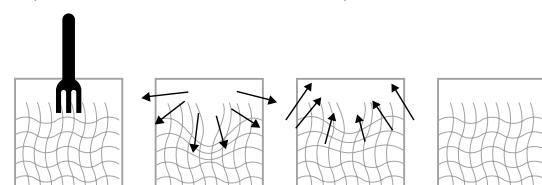
Soft touch

Morbidezza al tatto
Toucher soyeux
Weicher Touch
Suave al tacto



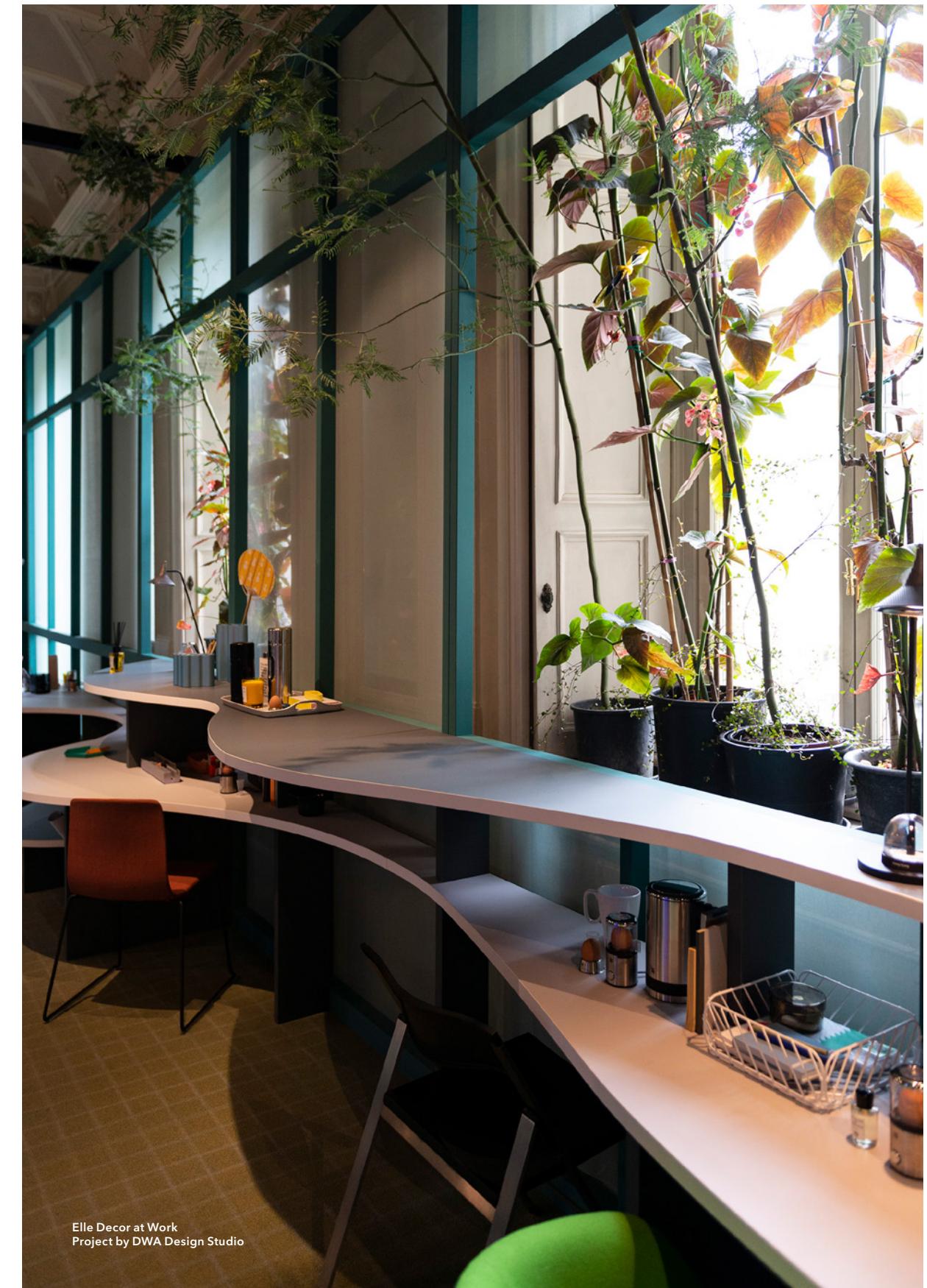
Thermal healing of superficial microscratches

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



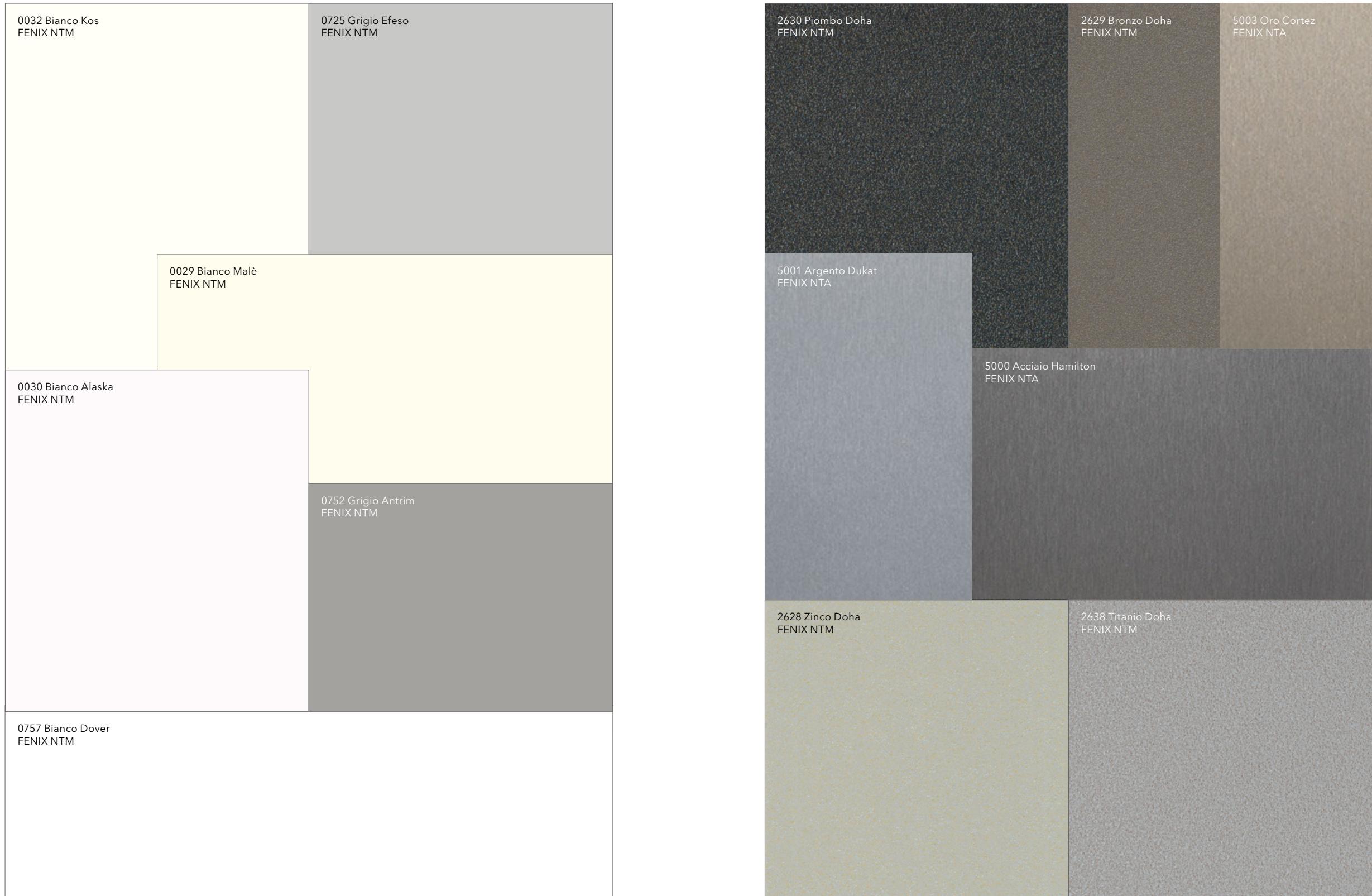
Anti-fingerprint

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



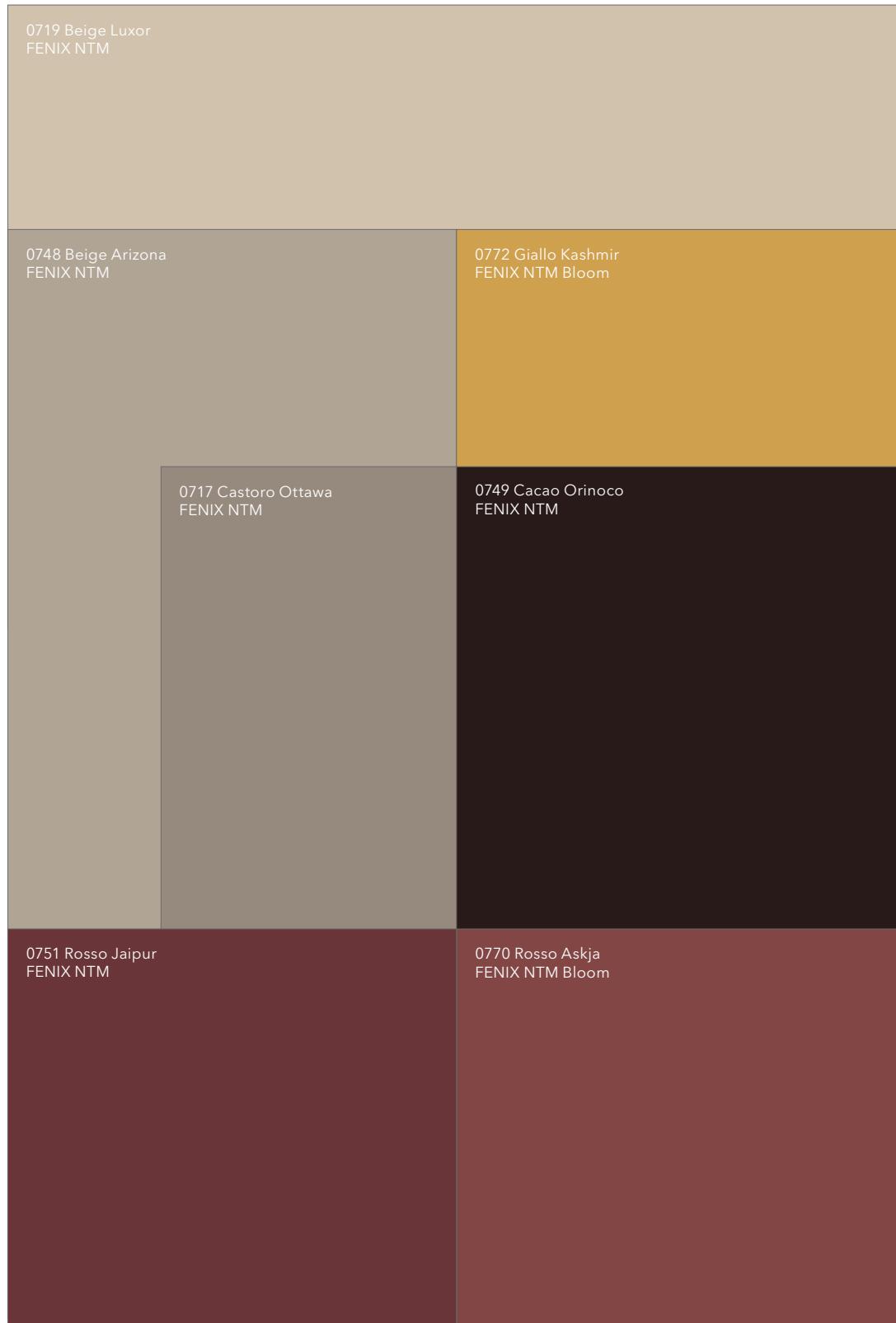
Elle Decor at Work
Project by DWA Design Studio

COLLECTION

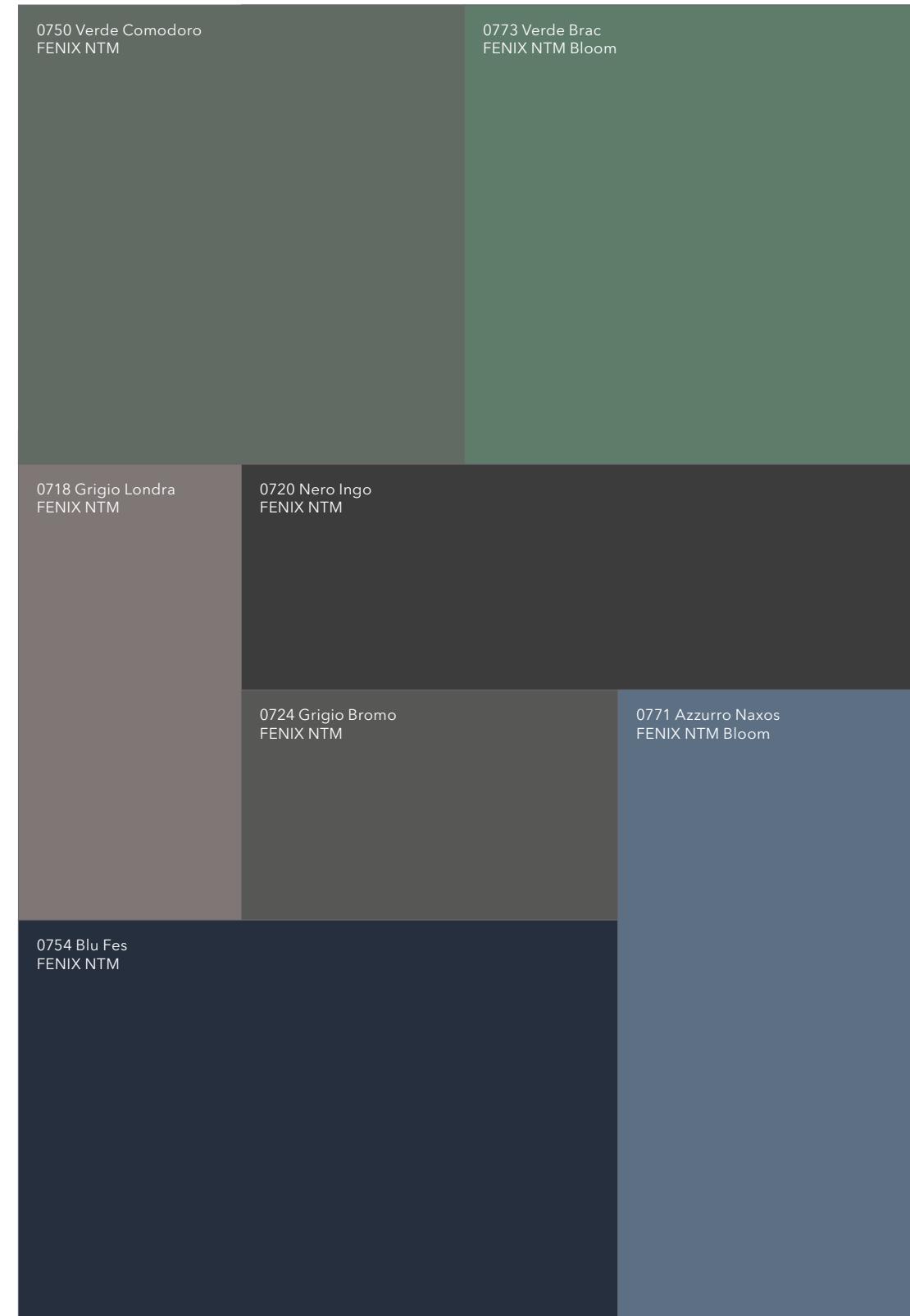


COLLECTION

COLLECTION



COLLECTION





FENIXTM®

FENIX NTM, introduced in 2013, is a technical and aesthetic answer to two interior design trends: smart materials and matt surfaces. Available now in 20 timeless colours for vertical and horizontal applications.

FENIX NTM, lanciato nel 2013, risponde a due importanti trend dell'interior design: gli smart materials e le superfici estremamente opache. Disponibile in 20 colori senza tempo per applicazioni orizzontali e verticali.

FENIX NTM, présenté en 2013, est la réponse technique et esthétique à deux tendances en matière de design intérieur : travailler avec des matériaux intelligents et des surfaces mates. FENIX NTM est maintenant disponible en 20 couleurs intemporelles, conçu pour des applications aussi bien verticales qu'horizontales.

FENIX NTM eingeführt im Jahr 2013 ist eine technische und ästhetische Antwort auf gleich zwei Trends des Interior Designs: Smarte Materialien und matte Oberflächen. Jetzt erhältlich in 20 zeitlosen Farben für vertikale und horizontale Anwendungen.

FENIX NTM, presentada en 2013, es una respuesta técnica y estética a dos tendencias del diseño interior: materiales inteligentes y superficies mates. Disponible ahora en 20 colores atemporales para aplicaciones verticales y horizontales.

Code	Name	Code	Name	Code	Name
0029	Bianco Malè	0724	Grigio Bromo	0754	Blu Fes
0030	Bianco Alaska	0725	Grigio Efeso	0757	Bianco Dover
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	0752	Grigio Antrim		

Thickness mm	Colour █	Type/Core 	Size □ mm
0.9	All FENIX NTM range	Standard	3050x1300 / 4200x1600
1.2	All FENIX NTM range	With matched colour core	3050x1300 / 4200x1600
4.0 6.0 8.0 10.0 12.0	All FENIX NTM range	Double sided with matched colour core or double sided black core	3050x1300 / 4200x1600

FENIX NTM Bloom, more innovative and more natural raw materials.
The extremely matt smart material is enriched with Bloom, a lignin-based technology for the core.

FENIX NTM Bloom, ancora più innovativo e naturale.
Questo materiale intelligente, estremamente opaco, è arricchito da una tecnologia a base di lignina denominata Bloom, utilizzata per la produzione del nucleo.

FENIX NTM Bloom, des matériaux bruts plus naturels et innovants. Ce matériau mat extrêmement intelligent est encore amélioré avec la version Bloom, une technologie à base de lignine utilisée pour le cœur du matériau.

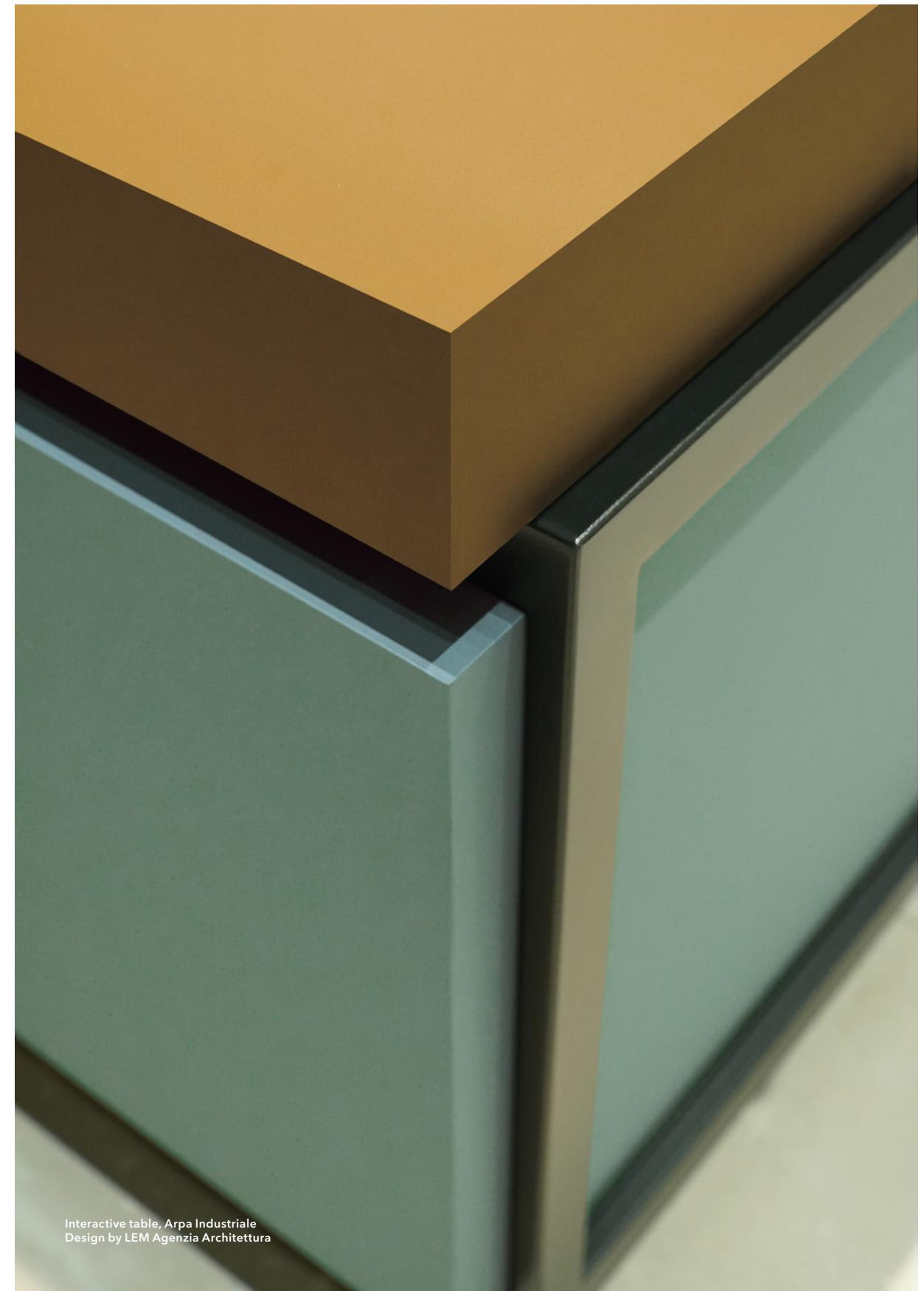
FENIX NTM Bloom, innovativer, natürlichere Rohstoffe.
Das extrem matte Smart Material ist mit Bloom angereichert, einer ligninbasierten Technologie für den Kern.

FENIX NTM Bloom, materia prima más innovadora, más natural. El material inteligente extremadamente mate está mejorado con Bloom, una tecnología de lignina para el núcleo.

Code	Name
0770	Rosso Askja
0771	Azzurro Naxos
0772	Giallo Kashmir
0773	Verde Brac

Thickness	Colour	Type/Core	Size
11 mm	■	■■	□ mm
0.7	All FENIX NTM Bloom range	Black core	3050x1300 / 4200x1300

Protective film included.
FENIX NTM Bloom can be machined with standard carpenters tools.



FENIX NTA, an empowered metal surface with FENIX features: visual comfort, soft touch, scratch resistance.

FENIX NTA, una superficie metallica potenziata, con le proprietà di FENIX: comfort visivo, soft touch, resistenza ai graffi.

FENIX NTA, une surface métallique renforcée, dotée des caractéristiques de FENIX : confort visuel, toucher doux, résistance aux rayures.

FENIX NTA, eine Metallocberfläche mit FENIX-Funktionen: visueller Komfort, weich Haptik, Kratzfestigkeit.

FENIX NTA, una superficie de metal fortalecida con características FENIX: comodidad visual, tacto suave, resistencia a los araños.

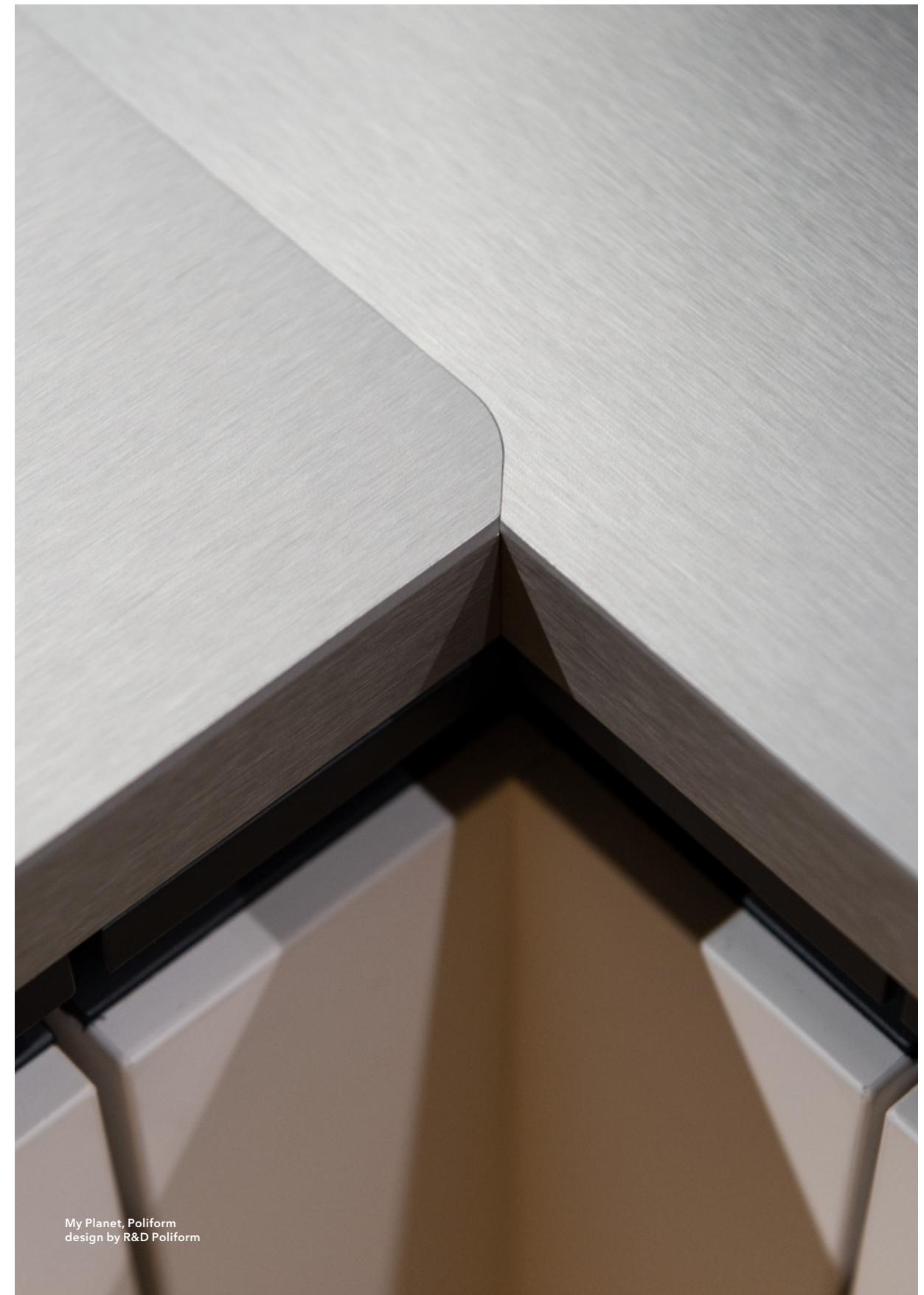


Real metal structure

Code	Name
5000	Acciaio Hamilton
5001	Argento Dukat
5003	Oro Cortez

Thickness mm	Colour █	Type/Core █	Size □ mm
0.7	All FENIX NTA range	Standard	3050x1300 / 4200x1300
1.2	All FENIX NTA range	With matched colour core	3050x1300 / 4200x1300
4.0	All FENIX NTA range	Double sided with matched colour core	3050x1300 / 4200x1300
6.0		and double sided black core	
8.0			
10.0			
12.0			

Protective film included.
FENIX NTA can be machined with standard carpenters tools.





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



Interzum Award
"High Product Quality"



Red Dot Design Award
"Product Design"



ADI Compasso d'oro
"Honourable Mention"



Iconic Awards
"Best of Best" Product Category



Interzum Award
"Best of the Best"



Archidex Award
"New Product"



dwell on design
"Best Design Material"

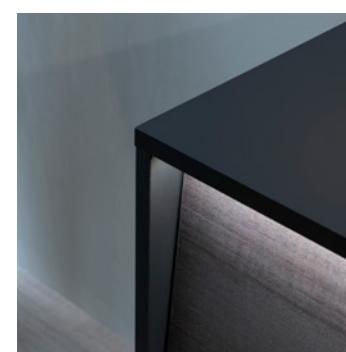


MaterialPREIS
"First Prize" Design Category

FENIX certifications:
NSF
GREENGUARD GOLD
IMO MED (for FENIX NTM FR 0,9 mm and FENIX NTA 0,7 mm)
SUITABILITY FOR CONTACT WITH FOODSTUFF



Arpa Industriale certifications:
ISO 9001
OHSAS 18001



OVER 65 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 the first material of FENIX family. FENIX are the innovative smart materials for interiors developed by an 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 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 une équipe internationale et pluridisciplinaire, pour le design intérieur.

Arpa: open innovation for interior design.

Seit 1954 designt und fertigt Arpa Industriale sehr hochwertige Hochdrucklaminate für die vielfältigsten Anwendungen im Innenbereich. 2013 wurde FENIX NTM vorgestellt: das innovative smarte supermatte Material entwickelt von 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 un equipo internacional multidisciplinario.

Arpa: open innovation for interior design.

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