FENIX

About Fenix:

FENIX NTM and NTA, the innovative materials from Arpa Industriale, have revolutionized the world of interior design. They are not only luxurious to look at, but, most importantly, they are a high-tech material, made with the use of nano-technology. It offers unique characteristics and solutions not found with any other surface on the market today.

With extremely low light reflectivity, the surface is super matt with a soft touch and is anti-fingerprint.
With the infusion of nano-technology, FENIX materials are highly resistant to scratches, abrasion, dry heat, acid-based solvents and household reagents. Thermal healing of superficial micro-scratches is also possible.

FENIX surfaces have a unique non-porous external layer, allowing the material to stay hygienic with simple, everyday care and cleaning methods. They are also suitable for contact with food.

FENIX products are made of paper (over 60%) and thermosetting resins (30 - 40%). The FENIX products are created by a pressing process in which heat and pressure are applied simultaneously to obtain a similar non-porous product. The core structure is composed of craft paper, impregnated with thermosetting resins. The outer surface is treated with next generation acrylic resins and nano-particles, which are hardened and fixed through an electron beam curing process.

Applications:

Designed for kitchens, bathrooms, furniture, retail space, hospitality and office.

FENIX NTM® FENIX NTA™

FENIX | KEY SOLUTIONS

Made Unique by its Characteristics

Anti-Fingerprint

Soft Touch

Anti-Bacterial

Low Light Reflectivity

Thermal Healing of Superficial Micro-Scratches

Impact Resistance

Hygienic

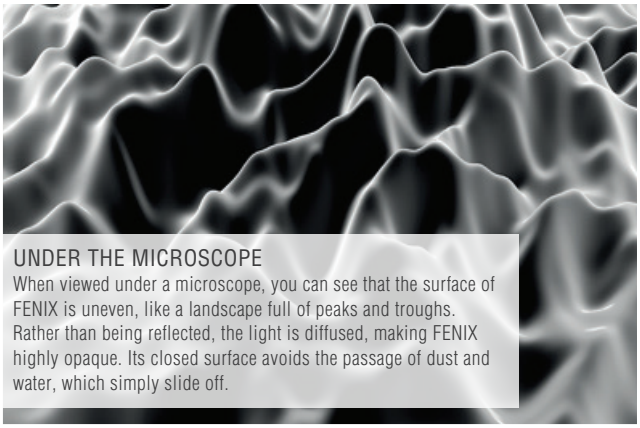
Resistance to Dry Heat

Suitable for Food

Easy to Clean

A MATERIAL WITH A MEMORY

Thanks to the process of Electron Beam Curing, the surface of the material is scattered with a dense grid of crosspolymers, with their own memory. In the event of small scratches disturbing this memory, it can be reactivated with the use of heat, helping the surface to reacquire its original appearance.



UNDER THE MICROSCOPE

When viewed under a microscope, you can see that the surface of FENIX is uneven, like a landscape full of peaks and troughs. Rather than being reflected, the light is diffused, making FENIX highly opaque. Its closed surface avoids the passage of dust and water, which simply slide off.

Honours & Awards

Best of the Best

First Prize Design Category

Selected by ADI for ADI Design Index

Best Design Material

New Product Award

WILLIS

Representing Global Brands Across North America.

www.4willis.com