



FENIX[®]

NANOTECH
MATT MATERIAL
FOR INTERIOR DESIGN



FENIX NTM the innovative material from Arpa Industriale, has revolutionized the world of interior design. FENIX materials are not only luxurious to look at, but, most importantly, 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%). 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.

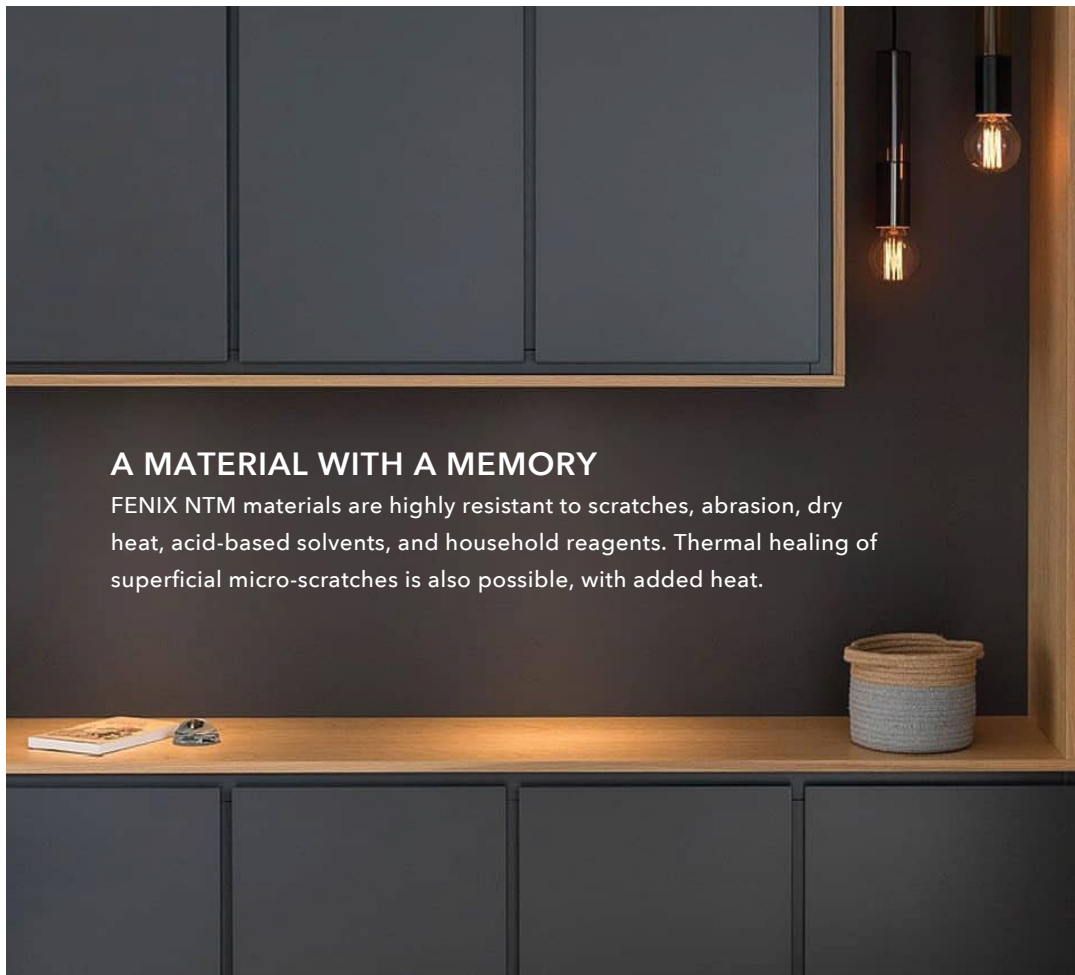
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UNDER THE MICROSCOPE

When viewed under a microscope, you can see that the surface of FENIX NTM is uneven. This allows for low light reflectivity which results in a surface that is extremely matt, soft to the touch and anti-fingerprint.



A MATERIAL WITH A MEMORY

FENIX NTM materials are highly resistant to scratches, abrasion, dry heat, acid-based solvents, and household reagents. Thermal healing of superficial micro-scratches is also possible, with added heat.



Resistance to
Dry Heat



Suitable
for Food



Anti-Fingerprint



Soft
Touch



Thermal Healing of
Superficial Micro-Scratches



Impact
Resistance



Hygienic



Anti-Bacterial



Easy to
Clean



Low Light
Reflectivity