



TECHNICAL DATA SHEET

FUSION

Research, innovation and technology are the distinctive features of the new FUSION line of products, brought forth by the commitment and passion of Cleaf Research Lab.

FUSION results from the incorporation of textiles and threads to panels and laminated surfaces through state of the art technology, and provides the world of interior design with highly innovative solutions in both aesthetics and functionality.

FUSION is creativity: a new surface with a versatile, original and eclectic personality, interpreting up to date trends through surprising textures and palettes to offer projects and productions a whole new range of solutions in style.

The entire line was developed by Italian expertise: high profile techniques and processing for a product of top quality and creativity, further proof of Cleaf's commitment to innovation.

FUSION is available in five versions:

HYPERTEX R2

Thickness 0,15mm

With TNT 23g/m2 backing is suitable for MDF or aluminum profiles wrapping.

HYPERTEX R3

Thickness 0,20mm

With a backing of 70gr/m2 is suitable for wrapping of profiles with difficult shape and in cases where a better hiding power against support imperfections is needed.

CHPL FUSION

Thickness 0,6mm

Produced by pressing with phenolic kraft papers, ideal for further lamination on different support types.

ABILAM

Thickness 4mm

FUSION surfaces are glued onto ABS support with polyurethanic adhesive. The obtained product is a rigid, light and water resistant.

TSS - PANNELLO

Thickness from 12 to 50mm

With chipboard and MDF with FUSION surfaces is possible to produce many different components for furniture or interior design.



CARATTERISTICHE TECNICHE

ABRASION RESISTANCE	EN 14323	IP <50 rev WP<150 rev
LIGHT RESISTANCE	EN 15187	> 6 scala lana blu
STAIN RESISTANCE	EN 12720	Classe B (UNI 10944)



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 **STORAGE AND HANDLING**

Keep the goods in a dry and ventilated place (relative humidity 35%-65%). Do not store with easily inflammable substances. If exposed to ultraviolet rays of the sun the laminate may deteriorate. Avoid creating unmanageably high and unstable stacks. Use suction pads or gloves when handling the laminates. Machinery and equipments must be fitted with appropriate aspiration devices.

 **CLEANING AND CARE**

Fusion was created by the combination of yarns / fabrics embedded in surfaces and finds its application in world of interior design to provide solutions with strong aesthetic and functional.

The resin partially saturate the fabric protecting its fibers; if on one hand the presence of the yarn on the surface gives the product an aesthetic effect and unique tactile, on the other limits the resistance to staining agents.

If the surface of the Fusion comes in contact with dirt, oil or contaminants, it is recommended remove immediately by blotting the stain with a cloth soaked in water.

Always avoid the use of abrasives or solvents.

In the case of stubborn stains or dried, see the attached table

	Cold water	Cold water and domestic detergent	Hot water and domestic detergent
Fruit juice, jam, syrup, milk, tea, coffee, liquor, wine, soap, ink.	X		
Fats, sauces, dried blood, wine, and spirits,, eggs		X	
Jelly, carbon black, PVA, watercolors, organic residues			X

Observe the result of the cleaning when the moisture has evaporated. The wet fabric surface gets always darker, conforming as the fiber becomes dry.

If spots or stains still remain after cleaning, treat with domestic stain remover. Treat the stain an inconspicuous area to test in advance the aggressiveness of the product.