

Research, innovation and technology are the distinctive features of the new FUSION line of products, deriving from the commitment and passion of Cleaf Research Lab.

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

FUSION is based on creativity: new surfaces with a versatile, original and eclectic character, converting the latest trends into a surprising collection of textures and palettes, offering a whole new range of exquisite solutions.

The line was entirely created and developed with Italian expertise: the use of high-profile techniques and exclusive processing result in top quality and creativity, reflecting Cleaf's commitment to innovation.

FUSION is available in five versions:

HYPERTEX R2

Thickness: 0,15mm.

The 23g/m2 TNT support makes the product ideal for MDF or aluminium profiles wrapping.

HYPERTEX R3

Thickness: 0,20mm

Supported by parchment of 70gr/m2. This product is ideal for wrapping profile and frames with multiple curves and very sharp radiuses, as well as in cases where defects of support (such as matching of MDF + pine) request a product with a higher covering ability.

CHPL FUSION

Thickness: 0,6mm

Produced by pressing with phenolic kraft papers, ideal for further wrapping of panels.

ABILAM

Thickness: 4mm

FUSION surfaces are glued onto ABS support with polyurethane adhesive. The obtained product is rigid, light and high-resistant to humidity.

TSS - PANNELLO

Thickness: from 12 to 50mm.

With chipboard and MDF, the FUSION surfaces offer the possibility to produce many different components for furniture or interior design.

**TECHNICAL CHARACTERISTICS**

RESISTANCE TO ABRASION	EN 14323	IP <50 rev WP<150 rev
RESISTANCE TO LIGHT	EN 15187	> 6 blue wool scale
RESISTANCE TO STAINS	EN 12720	Class B (UNI 10944)

**STORAGE AND HANDLING**

Goods must be stored in a dry and ventilated place (relative air humidity 35%-65%). Do not store with inflammable substances. If exposed to direct sunlight, the laminate may deteriorate. Stacks should be stored correctly, at a manageable height to ensure stability. When handling the laminates, use suction pads or gloves. Machinery and equipment must be fitted with suitable aspiration systems.

**CLEANING & MAINTENANCE**

The FUSION line was created with a combination of threads and fabrics, embedded in surfaces. It is successfully used in the world of interior design in order to provide solutions with a strong aesthetic and functional character. The resin partially saturates the fabric protecting the fibres; although on the one hand, the thread on the surface offers an aesthetic effect and a unique texture to the product, on the other hand, it limits the resistance to staining agents.

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

Always avoid the use of abrasives or solvents.

In case of persistent or dry stains, see the table below:

	Cold water	Cold water and detergent for domestic use	Hot water and detergent for domestic use
Fruit juice, marmalade, syrup, milk, tea, coffee, liqueurs, wine, soap, ink	X		
Fats, sauces, dry blood stains, wine and liqueurs, eggs		X	
Jelly, carbon black, PVA, watercolours, organic waste			X

Observe the cleaning result after the moisture has evaporated. The wet fabric surface always becomes darker, but as the fibre dries, it returns to its initial colour.

If spots or stains persist after cleaning, use a domestic stain remover. To test the reaction of the product to the stain remover, you may try it on a less visible area.