










WHITEBOARD

CUT - PRINT - BEND - WRITE

Multishield is a very strong and rigid composite panel, consisting of a polyethylene core coated with two 0.25 mm steel sheets. These panels are very appreciated in the fields of advertising and construction for their magnetic property and their extremely hard surface. They are also suitable for printing and laminating, which makes these panels the perfect all-rounder. Furthermore, the novelty of this panel is its «whiteboard» side, which allows it to be used as a whiteboard for classrooms or conference rooms for example.



INFORMATION FOR
 decorators
 advertising technicians
 digital printers
 design and advertising
 and advertising agencies
 exhibitors
 stand manufacturers
 trade fairs and exhibitions
 POS decorators
 sign makers
 model makers
 prototypists

-  Digital printing
-  Screen printing
-  Magnetic boards
-  Labelling system
-  Displays
-  Writable and dry erasable*
-  Signs
-  Notice boards
-  Trade Fair Stands
-  Development of POS
-  Presentation boards

Technical specifications

Properties	Test method	Unit	Value
Steel thickness		mm	0.25
Weight thickness 3 mm		Kg/m ²	6.35
Weight thickness 6 mm		Kg/m ²	9.37
Color			Blanc
Thickness of lacquer		µm	18 - 20
Fire resistance	EN13501-1		D-s2-d0
Modulus of elasticity		MPa	25.000
Heat transmission (U)		W/m ² K	5.61
Thermal resistance		C°	-50 / +85
Flexural rigidity E*I		kNcm ² /m	2.700
Expansion for 100° delta		mm	1.8
Digital printing (1 side)			Very good
Rolling and bending			Very good
Drilling			Good
Laminating			Very good



MACHINING

Can be sawn, milled, drilled, perforated, sheared with shears.



FORMING

Can be folded, bent, rolled, stamped, formed under pressure, welded, glued.



PRINTING, LACQUERING, LAMINATING

Digital printing, screen printing, acrylic paints, 2-component paints, common artificial paints.

Tolerances

Properties	Standard	Value
Length		-0 / +3 mm
Width		-0 / +2 mm
Thickness		+/- 2 mm
Diagonal		-0 / +5 mm