



## TECHNICAL DATA SHEET – DIGITAL PRINTING – LAMINATED BANNER

# B500WM

### **DESCRIPTION:**

White matt laminated PVC banner with a “High Smooth” surface, suitable for short term outdoor and indoor banner campaigns.

### **FABRIC STRUCTURE:**

Fabric Tenacity (DIN EN ISO 2060)  
Construction (Weaving)  
Weight of Fabric  
Breaking Tensile Strength (DIN 53354)  
Tearing Strength (DIN 53356)

### Specification

High tenacity yarns 100% polyester (300D\*500D)  
18\*12 inch<sup>2</sup> / 457\*300 mm<sup>2</sup>  
65gr/m<sup>2</sup>  
Warp: 590 / Weft: 650 N/5cm  
Warp: 100 / Weft: 120 N/5cm

### **LAMINATION STRUCTURE:**

Type of Structure  
Calibrated Bi-lamination Adhesive (DIN 53357)  
Total Weight of the Composite  
Surface Finish  
Colour

### Specification

Fabric roll Bi-laminated with 150µm of double soft PVC.  
60 N/5cm  
440 +/- 10gr/m<sup>2</sup>  
matt high smooth  
White (one side printable only)

### **GENERAL PRINTER COMPATIBILITIES:**

	<b>Solvent</b>	<b>Eco-Solvent</b>	<b>Latex</b>	<b>UV-Curable</b>
<b>B500WM</b>	✓	✓	✓	✓

### **FIRE RATING:**

The product is classified in class 2 (DIN 4102-B2) as flame retardant. It can be produced in class 1 (B1) without any variation to its mechanical and thermal characteristics.

### **APPLICATIONS:**

Good digital printability, high intensity and durability of colours. Especially for indoor and outdoor applications such as signage, wide-format digital printing, banner, posters etc.

### **RECOMMENDATIONS:**

Suitable for Digital and Silk Screen printing. Suitable for Solvent, Eco-Solvent and UV inks. Designed for Latex (tested on Mimaki JV400LX and HP L26500; when working with other machines, please test before printing).

All tests are made with the original printer manufacturer’s inks on the following equipment: Roland, Mimaki, Scitex, GDI, Vutex, Dust and HP.

Notes: due to the wide number of ink producers and Digital Printing machines, weather conditions and printing variability, testing before printing is recommended.

### **SAFETY:**

REACH - Complying with the Italian Decree-Law nbr. 133 issued on 14.09.2009 published on the Italian Gazzetta Ufficiale, we inform that the substance Bis (2-ethyl(hexyl)phthalate (DEHP) is present in a concentration of 14,77%. For further information, please refer to the certified copy available of the analyses worked out on the substances taken into consideration by REACH (Registration Evaluation Authorization of CHemicals).

RoHS - The product is in accordance with RoHS directive 2002/95/EC and its amendment directives.

### **STORAGE:**

2 years at the temperature limit of -5 °C / +45 °C. To be kept in dry places and within the original packaging.  
This product must be stored vertically.

### **DURABILITY:**

The product can resist at the operating temperature of -20 °C / +60 °C. The product can resist at the limit temperature of -30 °C / +70 °C for a very short time. Maximum outdoor exposure 6 months.

### **ROLL INFORMATION:**

Roll dimensions and net weight.

760mm x 30m	10kg	1120mm x 30m	15kg
1370mm x 30m	18kg	1600mm x 30m	21kg

### **NOTE**

This product is not manufactured by HEXIS S.A. (France). It has been manufactured and supplied to HEXIS UK Ltd under the request and specifications supplied by HEXIS UK Ltd to the relevant chosen supplier.. The above data is given in good faith to provide an indication of the performance of the product to the potential purchaser. The purchaser should carefully consider the suitability of each product for its intended target use and the purchaser should further assume all risks in connection with any such use. HEXIS UK Ltd shall not be liable for damages in excess of the purchase price of the product nor for incidental nor consequential loss.