

# FEDRIGONI

## PAPER

# SPLENDORGEL EW HBT

The new Splendorgel EW High Barrier Technology is the first Fedrigoni paper capable of replacing plastic in hundreds of indoor and outdoor applications. It is water resistant, fully recyclable according to Aticelca 501 standard and can replace plastic in many uses in different markets. Splendorgel EW High Barrier Technology is available in 71x100 cm size in 170, 280, 350, 410 gsm substances.

### DESCRIPTION

SIZE	GRAIN	SUBSTANCES
71X100	LL	170 280 350 410

### RANGE

SUBSTANCES	THICKNESS	WATER ABSORPTION	STIFFNESS (TABER 15°)	
			long ± 15%	trasv ± 15%
ISO 536	ISO 534	ISO 535	ISO 1924	
g/m <sup>2</sup>	µm	g/m <sup>2</sup>	mN	
170 ± 4%	170 ± 4%	≤ 7	31,0	14,5
280 ± 5%	306 ± 5%	≤ 7	105,0	52,0
350 ± 5%	374 ± 5%	≤ 7	200,0	90,0
410 ± 5%	438 ± 5%	≤ 7	250,0	120,0

### TECHNICAL FEATURES

Ref. standard/instrument  
unit of measure

\* Relative Humidity 40%± 5  
ref. TAPPI 502-98



### ECOLOGICAL FEATURES

The product is completely recyclable.  
Special runs available upon request.

### NOTES

# SPLENDORGEL EW HBT

Splendorgel EW High Barrier Technology is optimal as a substitute for plastic in indoor and outdoor applications. The uses can be multiple such as the plastic tags that accompany packages of vegetables, fruit, fresh food and any item that requires water and wet resistant tags. In hospitality, it can be used for example for menus placed indoors and on outdoor tables, but also for temporary promotional signs and banners, posters with, for example, the list of foods in fast and street food. In the Out of Home, the applications are many: advertising, billboards, posters for merchandising activities. It can be used in cosmetics for particular packaging and in gardening, for plant labels. It is water resistant and fully recyclable according to Aticelca 501 standard.

## APPLICATION

The special surface treatment of Splendorgel EW High Barrier Technology makes the printing and converting to be tested in advance. However, UV offset printing is recommended, while in traditional offset printing it is advisable to use inks for plastic. Generally a longer drying time than a traditional paper is to be considered. As regards the Inkjet printing technology, we recommend UV technology and not water-based, also the adoption of a printing profile for uncoated paper, while in the Dry-Toner technology a prior verification of the printing result in solid backgrounds is required. Good results in hot stamping and embossing. For hot-foil printing it is recommended to use plastic foils, preferably in correspondence with a previously printed area. Excellent results in UV screen printing.

## PRINTING SUGGESTIONS

Good results in the main packaging processes: cutting, die-cutting, creasing, folding. The particular surface treatment of the Splendorgel HBT product does not make it possible to couple to other supports since it greatly reduces the surface microporosity. We recommend the use of polyurethane glues (PUR). Varnishing and other enhancement must be evaluated in advance. However, the use of acrylic or U.V.-based varnishes is recommended.

## CONVERTING SUGGESTIONS

