

FTS 510 FRONTLIT COATED



“Coated Banner is a family of products developed for indoor and outdoor large dimension applications that require good print quality, superior dimensional stability and mechanical strength, as well as resistance to adverse meteorological conditions.”

PRODUCT DESCRIPTION

- **Substrate:** 100% PES White Matte High Quality Banner, with a smooth surface, made from high tenacity yarns and pre-coated with PVC. It presents good quality of printing with good color reproduction and long lasting brightness, good mechanical resistance and resistance against adverse meteorological conditions.
- **Durability:** < 6 months (outdoor)
- **Common uses:** Suitable for applications (indoor and outdoor) that require good print quality, large dimensions such as billboards and light boxes, exhibition stands decorations. Heat or high frequency vulcanization.
- **Recommended printing method:** Solvent, UV

PROPERTIES OF THE PRODUCT

	Average value	Standard used
Grammage (g/m ²)	510	DIN 53352
Base Fabric Density (inches ²)	18*18	DIN 60001
Base Fabric Yarn (D)	1000*1000	DIN EN ISO 2060
Tensile Strength – warp/weft -(N/50mm)	2200 / 1900	DIN 53354
Tear Strength – warp/weft - (N)	300 / 250	DIN 53356
Adhesion (N/5cm)	80	DIN 53357
Temperature of use (°C)	-15 a +65	DIN 53372
Relative Humidity (use) (%)	50	

CONSIDERATIONS AND RECOMMENDATIONS

- o Surface for application: flat.
- o Film not recommended for floor graphics (areas with car traffic), flexible or low energy films, painted or non-painted carton walls, plaster walls, wallpaper, poorly cleaned or rough surfaces, surfaces with degraded ink.
- o Do not expose to common spills or vapours.
- o Non-vertical application results in a significant decrease of the durability, as well as an inadequate climate and angles of solar exposure. Before film usage, it is recommended that it is left at least 24h at the temperature of the workplace. Other factors not described here may influence performance in use.
- o Removal: without heat or chemicals
- o Store between 15 and 25°C and 50%RH, protected from solar exposure, in a clean dry location, in the original package. The product must be stored vertically in order to ensure that the quality is not compromised.
- o Use within 1 year of the production date, as long as kept in the closed original package.
- o An excessive quantity of paint in the product will result in changes of its characteristics, inappropriate drying and detachment of the laminate and/or poor performance.

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- o Inadequate drying may result in windings, wrinkles and adhesion failures, which translates into poor performance of the product. It is recommended a minimum drying time of 48h before any additional processing. Drying should be done with the product unrolled.

IMPORTANT NOTE

- Decal can't be held accountable for the ease or speed of removal of the applied material. The air and the film's temperature have to be taken into account.
 - The data provided in this technical sheet is based on our knowledge and experience. It's supposed to be a source of information and cannot be used as a guarantee. The data contained here is subject to changes without previous notice.
 - The end user should determine the materials' compatibility with the intended application, prior to using it. Decal won't be held accountable for misuse or inadequate storage, and cannot therefore be responsible for losses or damages to third parties.
 - Claims are only accepted if the client has the QR codes available alongside the product and placed in the production sheet.
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Revision Date of the Technical Data Sheet: 19.01.18

Approved by: RJ

Please, check our website for additional information www.dec-al-adhesive.eu/en or request any clarification needed from our technicians.