

## ROYAL EDGE NP BATTEN FABRIC TECHNICAL DATA SHEET

### WOVEN FABRIC PERFORMANCE DATA

Style: 4262/44		Description: greige	
Weave: Plain		Construction: 56 Z 44	
Yarn: Warp 420 Brt HT Nylon		Fill: 420 Brt HT Nylon	
Weight: 5.83 oz per yard		Color: White	
Dimensions: 12 inch by 360 ft. roll			
PROPERTY	RESULT	TEST METHOD	
<b>STRENGTH:</b>			
Tensile (Grab Test)	637.40 (lbf) Warp	ASTM D-5034	
Tongue Tear (Avg Load)	509.01 (lbf) Fill	ASTM D-2261	
	43.15 (lbf) Warp		
	40.09 (lbf) Fill		



NOTE: Test results are from an internal, non-certified lab, using ASTM methods indicated. Loom state fabric data is for guidance only and is not governed by performance specifications.

### **DESCRIPTION:**

RPI Non-Penetrating Batten Fabric is a high strength nylon fabric which is mechanically fastened to the roof deck utilizing RPI Batten Bar and approved deck fasteners. When properly installed as part of the RPI Non-Penetrating Batten System, the NP Batten Fabric provides excellent sheer strength and uplift resistance.

### **APPLICATION INSTRUCTIONS:**

#### Installation of RPI NP Batten Fabric using RPI Solvent Based Bonding Adhesive:

1. After the recover/insulation board is properly installed over the roof decking or substrate, the NP Batten Fabric is laid onto the roof field in a grid fashion that is determined by the shape and dimensions of the roof deck (see installation specification manual). RPI Batten Bar is laid over the over the fabric so that the fabric extends past the batten bar equally on all sides.
2. The Batten Bar is secured thru the fabric using the proper length approved deck screws.
3. The field membrane is placed into position, allowed to relax, and folded back, exposing the NP Batten strips.
4. As the field membrane is rolled into place, RPI Royal Edge Solvent Based Bonding Adhesive is applied to the membrane and NP fabric and allowed to flash-off. The membrane is then rolled up to the next NP fabric and the process repeated. Refer to the RPI NP Batten Specification for complete installation details.

### **PACKAGEING:**

12 inch X 330 ft. per roll

### **RECOMMENDED STORAGE:**

Store in dry area, protected from weather.

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