



## TECHNICAL DATA SHEET

# CondenStop® Heavy

**Application:** Anti Condensation Drip for use in higher risk environments

Order Code: S25312

### Composition

• Fiber	Polyester
• Binder	Acrylate / PAN - PMMA - microspheres
• Finish	Hotmelt adhesive
• Colour	Standard Grey or Light Brown
• Release Foil	HDPE-liner

### Absorption & Drying Properties

<i>NF P 15-203-1</i>	<i>Unit</i>	<i>Value</i>	<i>Conditions</i>
• Absorption (condensed water)	g/m <sup>2</sup> (lbs/100 ft <sup>2</sup> )	1500 (31)	100%RH, ΔT:17°C (31°F)
• Time to drip	time (hrs)	> 10	100%RH, 40°C (104°F), ΔT:17°C (31°F)
• Drying speed	g/m <sup>2</sup> /h (lbs/100 ft <sup>2</sup> /h)	80 (1.64)	50%RH, 23°C (73°F)
<i>DIN 53.923</i>			
• Absorption (immersion test)	g/m <sup>2</sup> (lbs/100 ft <sup>2</sup> )	>1500 (>31)	24 hrs full immersion in water

### Flame & Thermal Properties

	<i>Unit</i>	<i>Value</i>	<i>Standard</i>
• Flame retardancy	Class	I <sup>1</sup>	ASTM 84-04
• Thermal conductivity	(λ) W/mK	0.02	
• R-value	m <sup>2</sup> K/W	0.065	
• CondenStop® can be qualified as class I <sup>1</sup> impervious to mold growth <sup>2</sup>			

### Mechanical Properties

	<i>Unit</i>	<i>Value</i>	<i>Standard</i>
<b>Tensile strength:</b>			
• Machine direction	N/5 cm (lbf/in)	115 (13.1)	ISO 9073-3
• Cross direction	N/5 cm (lbf/in)	18 (2.0)	ISO 9073-3
<b>Elongation:</b>			
• Machine direction	%	22	ISO 9073-3
• Cross direction	%	68	ISO 9073-3

### Dimensions & Packaging

	<i>Unit</i>	<i>Value</i>	<i>Standard</i>
• Weight <sup>3</sup>	g/m <sup>2</sup> (lbs/100 ft <sup>2</sup> )	123 (2.5)	ISO 9073-1
• Thickness	mm (mils)	1.8 (70)	ISO 9073-2
• Max. Width	mm (inch)	1520 (60)	
• Core Diameter (ID)	mm (inch)	76 (3)	
• Roll-length	m (foot)	650 (2100)	
• Packaging	PE Stretch Foil		

Visit us at [www.condenstop.com](http://www.condenstop.com) for more information

1 Classification from the Model Building Codes, 2 Testing and classification by TNO Construction, 3 Excluding Release Foil

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