



TECHNICAL DATA SHEET

CondenStop® Medium

Application: Anti Condensation Drip for use in single & double skin roof systems

Order Code: S25112

Composition

• Fiber	Polyester
• Binder	Acrylate / PAN - PMMA - microspheres
• Finish	Hotmelt adhesive
• Colour	Standard Grey
• 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 ² (lbs/100 ft ²)	1000 (21)	100%RH, ΔT:17°C (31°F)
• Time to drip	time (hrs)	> 7	100%RH, 40°C (104°F), ΔT:17°C (31°F)
• Drying speed	g/m ² /h (lbs/100 ft ² /h)	80 (1.64)	50%RH, 23°C (73°F)
<i>DIN 53.923</i>			
• Absorption (immersion test)	g/m ² (lbs/100 ft ²)	>1000 (>21)	24 hrs full immersion in water

Flame & Thermal Properties

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

Mechanical Properties

	<i>Unit</i>	<i>Value</i>	<i>Standard</i>
Tensile strength:			
• Machine direction	N/5 cm (lbf/in)	95 (10.8)	ISO 9073-3
• Cross direction	N/5 cm (lbf/in)	14 (1.6)	ISO 9073-3
Elongation:			
• Machine direction	%	25	ISO 9073-3
• Cross direction	%	80	ISO 9073-3

Dimensions & Packaging

	<i>Unit</i>	<i>Value</i>	<i>Standard</i>
• Weight ³	g/m ² (lbs/100 ft ²)	102 (2.1)	ISO 9073-1
• Thickness	mm (mils)	1.3 (51)	ISO 9073-2
• Max. Width	mm (inch)	1520 (60)	
• Core Diameter (ID)	mm (inch)	76 (3)	
• Roll-length	m (foot)	800 (2600)	
• Packaging	PE Stretch Foil		

Visit us at 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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