

# Product Specifications Sheet

## Natté™ 3%

### Specifications

**Product Category:** Reinforced Core  
**Openness Factor:** 3%  
**UV Blockage:** Approximately 97%  
**Fabric Style:** Basketweave  
**Item #:** 004503

**Composition:** 42% fiberglass / 58% vinyl  
**Standard Packaging:** Rolls of 30 ly (27 lm)  
**Width:** 122" (310 cm)  
**Weight:** 16.4 oz / yd2 (555 g / m2) ± 5%  
**Thickness:** 0.023" (0.59 mm) ± 5%

### Fenestration Data

		Fabric Properties						Fabric & Glass				Ultraviolet Protection Factor (UPF)
		Thermal				Optical		Commercial		Residential		
		Rs IR (%)	Total Solar			Rv (%)	Tv (%)	SHGC % Improvement		SHGC		
Rs (%)	As (%)		Ts (%)	Interior	Exterior			Interior	Exterior			
830830	Charcoal/Charcoal	7	6	90	4	5	3	16	82	0.57	0.12	Very Good
89M394	Charcoal/Charcoal-Navy	8	7	90	3	5	3	16	82	0.57	0.12	Very Good
830861	Charcoal/Cocoa	6	6	91	3	6	3	16	82	0.57	0.12	Very Good
80M687	Charcoal/Cocoa-Fawn	9	9	88	3	9	3	18	82	0.56	0.12	Very Good
830893	Charcoal/Forest	7	6	92	2	5	2	16	82	0.57	0.12	Excellent
830892	Charcoal/Garnet	6	6	91	3	6	3	16	82	0.57	0.12	Very Good
801830	Grey/Charcoal	15	14	82	4	12	3	21	82	0.54	0.12	Very Good
801801	Grey/Grey	26	22	73	5	19	3	24	82	0.51	0.12	Excellent
801810	Grey/Sable	32	28	65	7	26	5	26	82	0.48	0.12	Very Good
80M127	Sable/Sable-Fog	41	40	51	9	40	6	34	82	0.43	0.12	Excellent
810802	Sable/White	53	52	40	8	54	6	45	84	0.36	0.10	Excellent
810888	Sable/Wood	30	28	66	6	28	4	29	84	0.48	0.11	Very Good

Fabric properties may vary from the values reported due to standard variations in the manufacturing process. The fabric fenestration testing was conducted in accordance with ASTM G173 & ASTM E903: Total Solar Transmittance (Ts), Total Solar Reflectance (Rs), Solar Reflectance in Infrared (Rs IR), Total Solar Absorptance (As), Visible Reflectance (Rv), and Visible Transmission (Tv). Glass performance tests for Solar Heat Gain Coefficient (SHGC) were conducted using the Lawrence Berkeley National Laboratory WINDOW NFRC certified software. SHGC % improvement for commercial applications is based on a standard commercial glass makeup of Double Glazing 6 mm / 1/2" air / 6 mm with low E on surface #2. SHGC for residential applications is based on a default residential glass makeup of 3mm clear glass / 1/2" air / 3mm clear glass. Results for SHGC were obtained using the center of glass. Acoustical performance was tested in accordance with ASTM C423: NRC is Noise Reduction Coefficient; SAA is Sound Absorption Average. For up-to-date test results, performance specifications and larger samples, contact Mermet at [info@MermetUSA.com](mailto:info@MermetUSA.com).

#### Fabrication Methods:

**Cutting:** Crush, cold, or ultrasonic

**Welding:** Fabric welds without tape. 225-250°F. 5-10s.

Radio frequency, impulse, hot air, or wedge

**Ultraviolet Protection Factor (UPF):**

40+ (Excellent UV-Protection)

25-39 (Very Good UV-Protection)

#### Fire Classifications:

NFPA 701 TM#1, California U.S. Title 19

CAN/ULC-S109

**Bacterial and Fungal Resistance:**

ASTM E2180, ASTM G21

#### Environmental Benefits:

RoHS - Lead Free

GREENGUARD Gold

**Acoustical Performance:**

NRC: 0.25, SAA: 0.24

We recommend testing all cutting and welding methods prior to use to confirm they meet your individual fabrication specifications.

#### Care & Handling

Remove dust with a soft duster, cloth, sponge, vacuum cleaner, or compressed air. Do not scrub. Do not use solvents or any abrasive substance which might damage the coating of the fabric. For minor stains clean with a soft cloth, sponge, or soft brush dipped in lukewarm soapy water using mild detergent. Rinse with clean water. Leave the blind down until completely dry. For tougher stains and disinfecting instructions visit [www.MermetUSA.com](http://www.MermetUSA.com).

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# Product Specifications Sheet

## Natté™ 5%

### Specifications

**Product Category:** Reinforced Core  
**Openness Factor:** 5%  
**UV Blockage:** Approximately 95%  
**Fabric Style:** Basketweave  
**Item #:** 004505

**Composition:** 42% fiberglass / 58% vinyl  
**Standard Packaging:** Rolls of 30 ly (27 lm)  
**Width:** 122" (310 cm)  
**Weight:** 14.1 oz / yd2 (479 g / m2) ± 5%  
**Thickness:** 0.022" (0.56 mm) ± 5%

### Fenestration Data

		Fabric Properties						Fabric & Glass				Ultraviolet Protection Factor (UPF)
		Thermal				Optical		Commercial		Residential		
		Rs IR (%)	Total Solar			Rv (%)	Tv (%)	SHGC % Improvement		SHGC		
Rs (%)	As (%)		Ts (%)	Interior	Exterior			Interior	Exterior			
830830	Charcoal/Charcoal	4	4	89	7	4	7	13	79	0.59	0.14	Good
89M394	Charcoal/Charcoal-Navy	10	8	84	8	5	8	16	76	0.58	0.15	Not Rated
830861	Charcoal/Cocoa	6	6	87	7	6	7	16	79	0.58	0.14	Good
80M687	Charcoal/Cocoa-Fawn	10	9	84	7	9	7	16	79	0.57	0.14	Not Rated
830893	Charcoal/Forest	7	6	86	8	5	7	16	76	0.59	0.15	Not Rated
830892	Charcoal/Garnet	7	6	86	8	6	7	16	76	0.58	0.15	Good
801830	Grey/Charcoal	13	11	81	8	11	8	18	79	0.56	0.15	Not Rated
801801	Grey/Grey	25	21	69	10	18	8	21	79	0.53	0.15	Not Rated
801810	Grey/Sable	32	29	60	11	27	9	26	79	0.49	0.14	Not Rated
80M127	Sable/Sable-Fog	40	40	46	14	40	11	34	79	0.44	0.15	Good
810802	Sable/White	53	53	33	14	55	12	42	79	0.37	0.14	Good
810888	Sable/Wood	27	25	65	10	25	9	26	79	0.51	0.14	Not Rated

Fabric properties may vary from the values reported due to standard variations in the manufacturing process. The fabric fenestration testing was conducted in accordance with ASTM G173 & ASTM E903: Total Solar Transmittance (Ts), Total Solar Reflectance (Rs), Solar Reflectance in Infrared (Rs IR), Total Solar Absorptance (As), Visible Reflectance (Rv), and Visible Transmission (Tv). Glass performance tests for Solar Heat Gain Coefficient (SHGC) were conducted using the Lawrence Berkeley National Laboratory WINDOW NFRC certified software. SHGC % improvement for commercial applications is based on a standard commercial glass makeup of Double Glazing 6 mm / 1/2" air / 6 mm with low E on surface #2. SHGC for residential applications is based on a default residential glass makeup of 3mm clear glass / 1/2" air / 3mm clear glass. Results for SHGC were obtained using the center of glass. Acoustical performance was tested in accordance with ASTM C423: NRC is Noise Reduction Coefficient; SAA is Sound Absorption Average. For up-to-date test results, performance specifications and larger samples, contact Mermet at [info@MermetUSA.com](mailto:info@MermetUSA.com).

#### Fabrication Methods:

**Cutting:** Crush, cold, or ultrasonic

**Welding:** Fabric welds without tape. 225-250°F. 5-10s.  
Radio frequency, impulse, hot air, or wedge

#### Ultraviolet Protection Factor (UPF):

15-24 (Good UV-Protection)

0-14 (Not rated for UV-Protection)

#### Fire Classifications:

NFPA 701 TM#1, California U.S. Title 19

CAN/ULC-S109

#### Bacterial and Fungal Resistance:

ASTM E2180, ASTM G21

#### Environmental Benefits:

RoHS - Lead Free

GREENGUARD Gold

#### Acoustical Performance:

NRC: 0.05, SAA: 0.04

We recommend testing all cutting and welding methods prior to use to confirm they meet your individual fabrication specifications.

#### Care & Handling

Remove dust with a soft duster, cloth, sponge, vacuum cleaner, or compressed air. Do not scrub. Do not use solvents or any abrasive substance which might damage the coating of the fabric. For minor stains clean with a soft cloth, sponge, or soft brush dipped in lukewarm soapy water using mild detergent. Rinse with clean water. Leave the blind down until completely dry. For tougher stains and disinfecting instructions visit [www.MermetUSA.com](http://www.MermetUSA.com).

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# Product Specifications Sheet

## Natté™ 10%

### Specifications

**Product Category:** Reinforced Core  
**Openness Factor:** 10%  
**UV Blockage:** Approximately 90%  
**Fabric Style:** Basketweave  
**Item #:** 004500

**Composition:** 42% fiberglass / 58% vinyl  
**Standard Packaging:** Rolls of 30 ly (27 lm)  
**Width:** 122" (310 cm)  
**Weight:** 13.5 oz / yd2 (457 g / m2) ± 5%  
**Thickness:** 0.021" (0.53 mm) ± 5%

### Fenestration Data

		Fabric Properties						Fabric & Glass				Ultraviolet Protection Factor (UPF)
		Thermal				Optical		Commercial		Residential		
		Rs IR (%)	Total Solar			Rv (%)	Tv (%)	SHGC % Improvement		SHGC		
Rs (%)	As (%)		Ts (%)	Interior	Exterior			Interior	Exterior			
830830	Charcoal/Charcoal	4	4	85	11	4	10	13	76	0.61	0.16	Not Rated
89M394	Charcoal/Charcoal-Navy	9	7	82	11	5	11	13	76	0.60	0.16	Not Rated
830861	Charcoal/Cocoa	6	6	83	11	6	11	13	76	0.60	0.16	Not Rated
80M687	Charcoal/Cocoa-Fawn	9	8	81	11	8	11	16	76	0.59	0.16	Not Rated
830893	Charcoal/Forest	7	6	83	11	5	11	13	76	0.60	0.16	Not Rated
830892	Charcoal/Garnet	6	6	83	11	5	11	13	76	0.60	0.16	Not Rated
801830	Grey/Charcoal	13	12	79	9	11	9	16	79	0.57	0.15	Good
801801	Grey/Grey	24	20	68	12	17	10	21	79	0.54	0.15	Not Rated
801810	Grey/Sable	30	27	58	15	26	12	24	76	0.51	0.16	Good
80M127	Sable/Sable-Fog	39	38	44	18	38	16	32	74	0.47	0.18	Not Rated
810802	Sable/White	50	50	32	18	51	16	39	76	0.40	0.17	Not Rated
810888	Sable/Wood	27	26	60	14	25	13	24	76	0.52	0.17	Not Rated

Fabric properties may vary from the values reported due to standard variations in the manufacturing process. The fabric fenestration testing was conducted in accordance with ASTM G173 & ASTM E903: Total Solar Transmittance (Ts), Total Solar Reflectance (Rs), Solar Reflectance in Infrared (Rs IR), Total Solar Absorptance (As), Visible Reflectance (Rv), and Visible Transmission (Tv). Glass performance tests for Solar Heat Gain Coefficient (SHGC) were conducted using the Lawrence Berkeley National Laboratory WINDOW NFRC certified software. SHGC % improvement for commercial applications is based on a standard commercial glass makeup of Double Glazing 6 mm / 1/2" air / 6 mm with low E on surface #2. SHGC for residential applications is based on a default residential glass makeup of 3mm clear glass / 1/2" air / 3mm clear glass. Results for SHGC were obtained using the center of glass. Acoustical performance was tested in accordance with ASTM C423: NRC is Noise Reduction Coefficient; SAA is Sound Absorption Average. For up-to-date test results, performance specifications and larger samples, contact Mermet at [info@MermetUSA.com](mailto:info@MermetUSA.com).

#### Fabrication Methods:

**Cutting:** Crush, cold, or ultrasonic

**Welding:** Fabric welds without tape. 225-250°F. 5-10s.

Radio frequency, impulse, hot air, or wedge

#### Ultraviolet Protection Factor (UPF):

15-24 (Good UV-Protection)

0-14 (Not rated for UV-Protection)

#### Fire Classifications:

NFPA 701 TM#1, California U.S. Title 19

CAN/ULC-S109

#### Bacterial and Fungal Resistance:

ASTM E2180, ASTM G21

#### Environmental Benefits:

RoHS - Lead Free

GREENGUARD Gold

#### Acoustical Performance:

NRC: 0.05, SAA: 0.06

We recommend testing all cutting and welding methods prior to use to confirm they meet your individual fabrication specifications.

#### Care & Handling

Remove dust with a soft duster, cloth, sponge, vacuum cleaner, or compressed air. Do not scrub. Do not use solvents or any abrasive substance which might damage the coating of the fabric. For minor stains clean with a soft cloth, sponge, or soft brush dipped in lukewarm soapy water using mild detergent. Rinse with clean water. Leave the blind down until completely dry. For tougher stains and disinfecting instructions visit [www.MermetUSA.com](http://www.MermetUSA.com).

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