



# Flooring Solutions for Aviation Interiors

Fly By Wire   Abeam   Throttle Back





Fly By Wire AIR19 789 Overcast



# Specifications

## Fly By Wire AIR19

### DESIGN

Size	12' width (3.66m)
Surface Appearance	Level Loop
Fiber Type	<b>duracolor</b> ® Premium Nylon
Dye Method	Solution Dyed
Colors Available	3

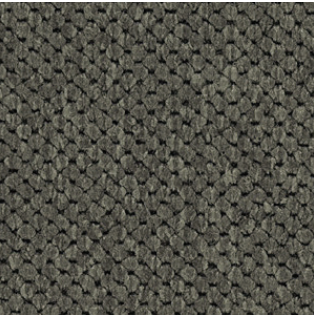
### PERFORMANCE

Construction	Woven
Pile Height	.10" (2.54mm)
Rows Per Inch/Centimeter	8" (3.12cm)
Pitch	216
Yarn Weight ± 10%	14.0 oz per yd² (475 gs per mtr²)
Total Weight ± 10%	44.8 oz per yd² (1519 gs per mtr²)
Primary Backing	100% Synthetic
Back Coating	Woven - Aircraft with FR
Flammability	FAR 25.853 (12-second vertical burn)
Smoke Density	Airbus ABD0031 & Boeing BSS 7238
Toxicity	Airbus ABD0031 & Boeing BSS 7239

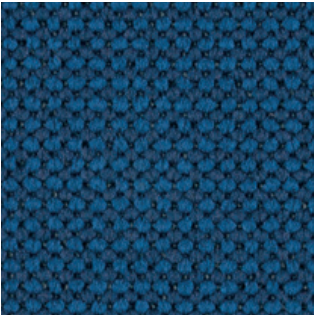
### SERVICE

Warranties	4-Year Limited Woven Wear Warranty, Duracolor Stain Warranty, Lifetime Static
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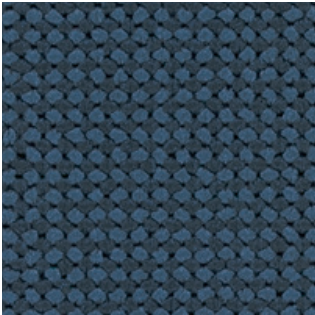
## Fly By Wire AIR19 Colorways



789 Overcast



575 Azure



589 Militant





Abeam AIR16 779 Granite



# Specifications

Abeam AIR16

DESIGN

Size	12' width (3.66m)
Surface Appearance	Level Loop
Fiber Type	<b>duracolor®</b> Premium Nylon
Dye Method	Solution Dyed
Colors Available	6

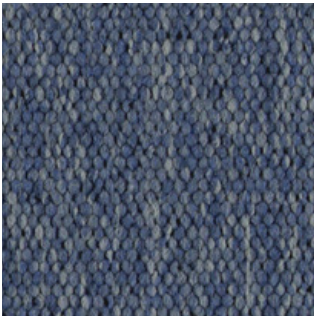
PERFORMANCE

Construction	Woven
Pile Height	.10" (2.54mm)
Rows Per Inch/Centimeter	9" (3.51cm)
Pitch	216
Yarn Weight ± 10%	14.0 oz per yd² (475 gs per mtr²)
Total Weight ± 10%	39.5 oz per yd² (1339 gs per mtr²)
Primary Backing	100% Synthetic
Back Coating	Woven - Aircraft with FR
Flammability	FAR 25.853 (12-second vertical burn)
Smoke Density	Airbus ABD0031 & Boeing BSS 7238
Toxicity	Airbus ABD0031 & Boeing BSS 7239

SERVICE

Warranties	4-Year Limited Woven Wear Warranty, Duracolor Stain Warranty, Lifetime Static
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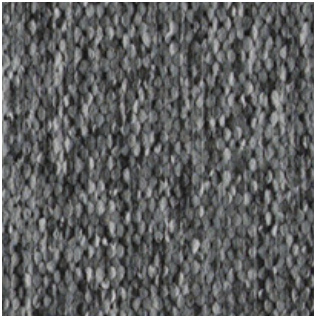
Abeam AIR16 Colorways



555 Atlantic



596 Black Sea



779 Granite



789 Slate



999 Ebony



878 Peat





Throttle Back AIR17 589 Draft



# Specifications

## Throttle Back AIR17

### DESIGN

Size	12' width (3.66m)
Surface Appearance	Level Loop
Fiber Type	<b>duracolor</b> ® Premium Nylon
Dye Method	Solution Dyed
Colors Available	3

### PERFORMANCE

Construction	Woven
Pile Height	.10" (2.54mm)
Rows Per Inch/Centimeter	9" (3.51cm)
Pitch	216
Yarn Weight ± 10%	16.0 oz per yd² (543 gs per mtr²)
Total Weight ± 10%	42.5 oz per yd² (1443 gs per mtr²)
Primary Backing	100% Synthetic
Back Coating	Woven - Aircraft with FR
Flammability	FAR 25.853 (12-second vertical burn)
Smoke Density	Airbus ABD0031 & Boeing BSS 7238
Toxicity	Airbus ABD0031 & Boeing BSS 7239

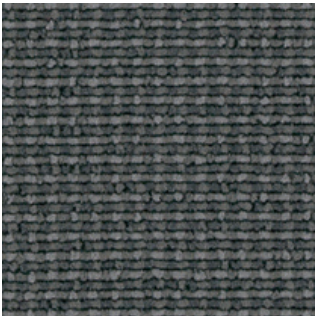
### SERVICE

Warranties	4-Year Limited Woven Wear Warranty, Duracolor Stain Warranty, Lifetime Static
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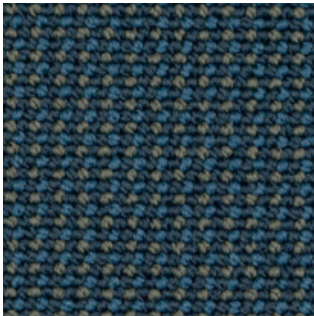
## Throttle Back AIR17 Colorways



579 Striker



989 Mungo



589 Draft





# Woven

NYLON CARPET

Woven nylon is inherently stronger than any other carpet construction. Its longer life cycle stretches your investment further, offering a significant cost savings over time. Woven carpet is also more sustainable, using less nylon and performing 300% longer than other carpet constructions before replacement. That means less energy is required to make and haul replacement carpet, and less waste goes to our landfills. In addition, all of our woven carpet qualifies for Mohawk Group's carpet recycling program, ReCover, meaning all of our aviation carpet can be processed into raw material for other products to reduce environmental impact.

## PERFORMANCE

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- Superior construction with denser face construction
- Interlaced components to eliminate zippering
- Inherent stability—no secondary backing
- Greater appearance retention and resiliency

## DESIGN

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- Classic craftsmanship and innovative design technology
- Unparalleled, time-tested textures and patterns

## RECYCLABLE

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- All of Mohawk Group's woven carpet qualifies for our carpet recycling program—ReCover. This affiliated reclamation program has helped keep millions of pounds of used carpet out of landfills, thus reducing the impact on our environment.
- PVC-free, chlorine-free, and no 4-PCH

## BUDGET

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- Woven construction to extend the life of carpet three times longer than tufted
- Longer life cycle for less cost over time

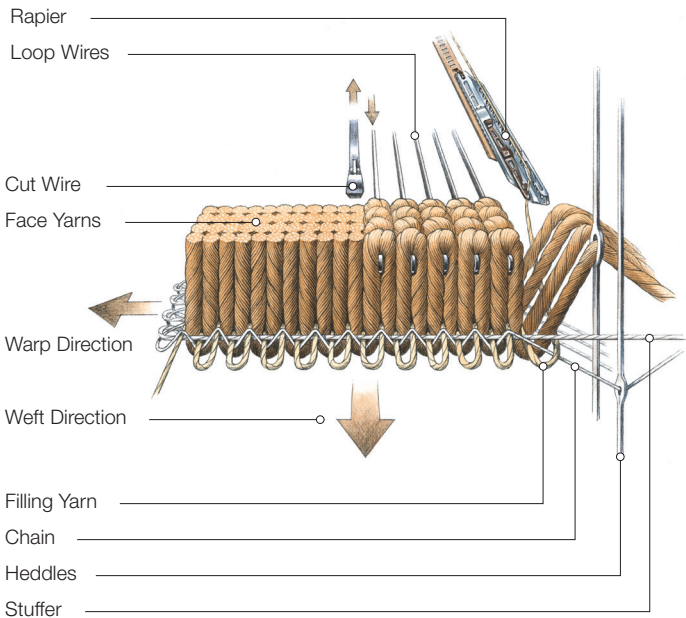
## SERVICE

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- Quality and experience to offer unique construction not available through all manufacturers



Woven construction is the oldest method of textile production. In the weaving process, pile yarns are intricately interlaced into the foundation, creating a structure whereby backing and face yarns become one. The art of weaving also creates a denser face construction than tufted carpet for enhanced appearance retention. Time has proven that woven carpet outperforms any other construction.



# Nylon vs. Wool

## 100% COMPLIANT

- Mohawk Group aviation nylon carpet meets all Airbus, Boeing and FAA requirements.

## MORE DURABLE

- Nylon carpet outwears wool by as much as 6 to 1, which means fewer reinstallations per year.

## MORE COLORFAST

- Nylon outperforms wool 3 to 1 for colorfastness.

## LONG TERM VALUE

- Initial cost and total cost of ownership of our nylon carpet per square yard is significantly lower than comparable wool products.

## LIGHTER WEIGHT

- Mohawk Group Aviation carpet is typically far lighter than comparable aircraft carpets. Reduced flying weight results in fuel savings that add up over the long life of the carpet.

## EASIER TO MAINTAIN

- Mohawk Group aviation carpet repels stains and dries quickly when cleaned.

## HIGHER QUALITY

- Mohawk Group aviation carpet resists shrinking, will not smell or mildew when wet, and retains permanent built-in static protection.





# Duracolor<sup>®</sup> Stain Resistance Promise

Duracolor has been developed to meet precise color requirement for aviation brand experience. Duracolor nylon is forever stain free, forever sustainable and forever beautiful. Carpet is easy to maintain with inherent stain resistance and water-only stain removal. With more than 300 beautiful colors that last, Duracolor is the right choice forever.



## PERFORMANCE

- Passes AATCC Test Method 175 for stain resistance
- Lifetime Warranty: We guarantee it for Life\*
- 100% Solution
- Antistatic protection < 2 kV
- FAR 25.853 compliant

## DESIGN

- Unmatched design flexibility without compromising color retention or stain resistance
- Proven track record of success over the past 20 years
- Multiple levels of luster
- Water clean-up means less money spent on cleaning chemicals

## SUSTAINABILITY

- Made with 30% recycled content: 25% pre-consumer and 5% post-consumer
- No chemicals required: 96% of all common stains clean with just water
- Waterless dye process
- GreenCircle third party certification
- Unsurpassed colorfastness to light and atmospheric contaminants so colors won't fade

## BUDGET & SERVICE

- New Duracolor products offer access to high performance products even with increasingly tighter budgets
- Reduced maintenance demands are a big perk for tight budgets; many styles are also available
- Excellent lead times and service reliability through vertical integration
- Waterless dye process
- High bulk / low weight capability

\* See Mohawk Group official warranty documents for further details at [mohawkgroup.com](http://mohawkgroup.com)



## **DURACOLOR® LIFETIME LIMITED STAIN RESISTANT WARRANTY\***

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### **PERMANENT STAIN PROTECTION AGAINST ACID TYPE SPILLS: LIFETIME**

Carpets incorporating the DURACOLOR® technology will retain permanent stain protection against acid type spills as measured by General Services Administration (GSA) Test for Permanence SIN 31-8 (note 11). AATCC 175 modified by exposing sample to 100 revolutions of the Taber Abrader (1,000 gram weight per H-18 wheel) then stain testing in the abraded area. Rating of 8.0 or better on the AATCC Red 40 Stain Scale.

### **COLORFASTNESS (WET AND DRY): LIFETIME**

Carpets incorporating the DURACOLOR® technology will resist color transfer from wear for the life of the Carpet. DURACOLOR® carpets will exhibit permanent colorfastness (wet or dry) for the lifetime of the installation as measured by AATCC Test Method 165. Minimum stain ratings of 4 or better compared to AATCC Color Transference Scale.

### **WETFASTNESS: LIFETIME**

Carpets incorporating the DURACOLOR® technology will resist color change after exposure to water damage for the life of the carpet. DURACOLOR® carpets will exhibit permanent wetfastness for the lifetime of the installation as measured by AATCC Test Method 107. Minimum shade change should be no less than International Gray Scale Rating of 4.

### **STATIC PROTECTION: LIFETIME**

All carpets incorporating Duracolor technology will offer protection from static discharge in excess of 2.5 KV for the life of the carpet.

### **LIGHTFASTNESS: 10 YEARS**

Carpets incorporating the DURACOLOR® technology will resist color loss from light exposure as measured by AATCC Test Method 16E–International Gray Scale. Rating after 160 AFU's (Xenon Arc) should be 3-4 or better.

### **ATMOSPHERIC CONTAMINANTS: 10 YEARS**

Carpets incorporating the DURACOLOR® technology will resist color loss from atmospheric contamination as measured by AATCC Test Method 129. Ozone minimum shade change rating after five cycles should be no less than International Gray Scale Rating of 3.

## **DURACOLOR® PASSES THE GSA TEST METHOD**

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The U.S. federal government sets a high standard for stain resistant carpet. Under the GSA Test Method, carpet must pass the stain test after simulated traffic. Duracolor is the only stain resistant system for yarn dyed carpets that meets this standard.

- Carpet samples are subjected to 100 cycles with a Taber Abrader to simulate traffic and cleaning.
- Samples are stained, and stains are allowed to set for 24 hours.
- After cleaning, the samples must score at least 8.0 on the 10-point AATCC Red 40 Stain Scale.
- Only Duracolor passes this rigorous test.
- Duracolor passes this test because it is not a topical "treatment", but an inherent property of the carpet; it cannot wash or wear away.





