

unibondflex

*ability*

With decades of experience and over 50 million square yards of carpet installed, The Mohawk Group has lead the industry in developing the best possible broadloom carpet solution for you. Introducing **Unibond Flex** & **Unibond Flex Bloc**, the most durable, flexible, breathable and sustainable carpet available. Part of a comprehensive offering that includes carpet, backing and adhesives – Unibond Flex was designed to fit your specific flooring needs...

Mohawk makes it work.

Unibond Flex provides enhanced durability, installation flexibility and sustainability. This combination of benefits is made possible by Unibond Flex' patented matrix construction where the carpet fiber is tufted through both the primary and secondary backings. It is then backed with our Advanced Thermoset Co-Polymer which is made with 33% post-consumer content. Unibond Flex is the only high-performance broadloom, tufted product that may be stretched in or direct glued, based on your specific needs.

Unibond Flex Bloc is available on all of The Mohawk Group's products that are currently manufactured as Unibond Flex construction. Unibond Flex Bloc... all the benefits of Unibond Flex with the added feature of an effective liquid barrier... backed by our Lifetime Limited Warranty... only from The Mohawk Group.

#### DURABILITY

Our patented matrix construction ensures longer carpet lifetime, plus higher tuft bind performs better than the competition with greater dimensional stability

#### BREATHABILITY

Our patented matrix construction allows carpet to breath, that means lesscarpet bubbling due to subfloor moisture, greater dimensional even in extreme temperature changes.

#### FLEXIBILITY

Unibond Flex is 30% lighter and more flexible than conventional backings, so it's easy to install and less likely to damage walls and interior surfaces. so it's the right performance product at every budget

#### SUSTAINABILITY

Unibond Flex is the gold standard in broadloom backing systems. Built with 30% less materials and NSF 140 Platinum Certified – Unibond Flex contributes to your projects' Leed Certification

# durability

What you want in a broadloom backing is simple – ease of maintenance, reliability and durability – Unibond Flex delivers on all counts. Unibond Flex gives you peace of mind from the start. And with higher tuft bind performance than the competition and greater dimensional stability – no growing or shrinking due to subfloor moisture – Unibond Flex is down for the long run.

## Accountability

With decades of experience and over 50 million square yards on the floor, we stand behind every yard with the industry's best warranties.

- High Tuft Bind
- Eliminates edge ravel and zippering
- Greater dimensional stability – no growing or shrinking
- Tufted through both backing layers = impossible to delaminate
- Lifetime Limited warranty

# flexibility

Flexibility is our last name. Physically, Unibond Flex is 30% lighter and more flexible than conventional backings, so it's easy to install and less likely to damage walls and interior surfaces. Unibond Flex also covers all the bases when it comes to budget – it is available across all our brands and at every price point.

## Installation Flexibility

- Easy to handle – 30% lighter and much more flexible than conventional backing
- Less training and tools required to install
- Easier to stretch and pattern match
- Less thermoplastic material makes the product easier to work with in cold or hot pre-HVAC operating conditions

## Abundant Choice

- The right performance product at every budget
- You have the flexibility to select our standard Unibond Flex or Unibond Flex Bloc if a moisture barrier is necessary



# sustainability

# breathability

If you have moisture concerns, you can breathe easy with Unibond Flex

## Patented construction = more breathable

- Reduced carpet bubbling due to subfloor moisture
- Reduced dimensional shrinking and growth due to extreme temperature changes
- Less potential for mold and mildew build up beneath carpet.

When your looking for a sustainable floor covering, the proof is in the certifications. Unibond Flex is the gold – or should we say platinum – standard in broadloom backing systems.

### LEED Contribution

All of Mohawk's broadloom carpet with Unibond Flex may contribute to, or comply with, the following LEED credits:

- MR4.0 Recycled Content - 15% Post Consumer Recycled Content
- MR5.0 Regional Materials\* - Manufactured in Georgia.
- EQ4.3 Low Emitting Materials - CRI Green Label Plus program.
- EQ 4.1 Low Emitting Adhesives - All Mohawk adhesives and seam sealers meet SCAQMD Rule #1668
- Potential Innovation credit NSF 140 2007e - certified carpet is used for all carpet products installed on the project AND when Platinum level carpet is used and the carpet represents at least 1.25% of the value of the project

### Dematerialization

Less materials are require due to the patented Matrix construction:

- Less impact than competitive backing materials, 30% reduction, by weight, in materials required to manufacture the product.
- Unibond Flex is recyclable at end of life

### NSF 140 Platinum Certified

- Mohawk Broadloom carpets with Unibond Flex meet NSF 140 Platinum Standard. Platinum is the highest obtainable certification under NSF certification.
  - This Standard is the most comprehensive and rigorous benchmark in the flooring industry. Unlike most standards which are single attribute, this Standard requires superior performance in multiple environmental-attribute areas.
  - More information about this important Standard can be found at: [www.nsf.org/info/carpet](http://www.nsf.org/info/carpet).
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# A smarter broadloom backing system.



# unibond

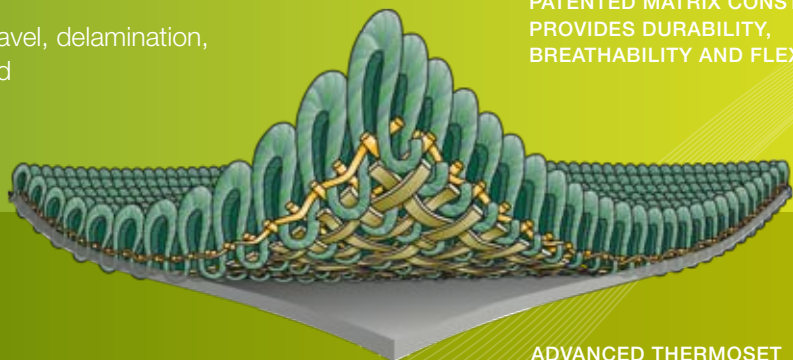
## The only construction where fiber is tufted through both backing layers

- Tuft through both backings = impossible delamination
- Advanced Thermoset Co-polymer made with VAE (No 4PCH & No SBR Latex)
- Lifetime Limited Warranty on edge ravel, delamination, and zipping – seam sealer required



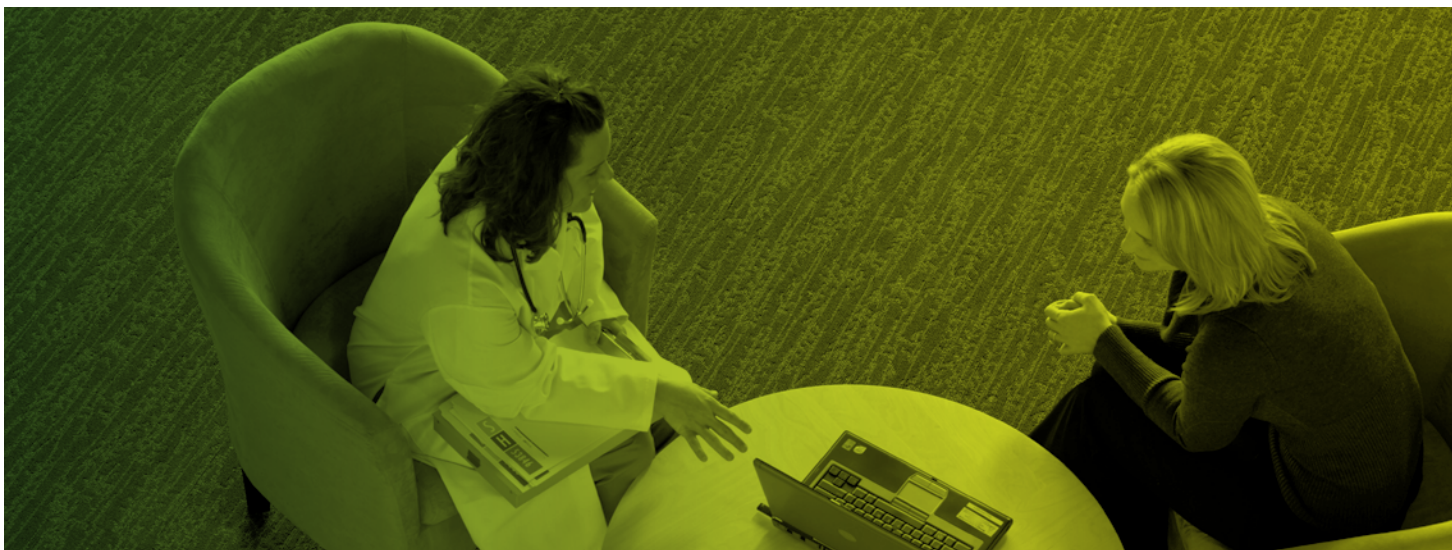
UNIBOND FLEX  
BACKING COLOR

PATENTED MATRIX CONSTRUCTION  
PROVIDES DURABILITY,  
BREATHABILITY AND FLEXIBILITY



ADVANCED THERMOSET  
CO-POLYMER

# unibondflex



## Installation Specifications

Backing	Suggested Adhesive	Width	Moisture Passes British Spill	Moisture Passes 10,000 Impact	Seam Sealer Required	Moisture Installation Requirements	Spread Rate
<b>Unibond Flex</b>	Mohawk NuBroadlok	12"			Mohawk Nubroadlok Seam Sealer	5lbs/ 80% RH, 5-9 PH	8-10 SY/Gal
<b>Unibond Flex Bloc</b>	Mohawk NuBroadlok	12"	•		Lifeloc Carpet Seam Sealer (Moisture Proof)	5lbs/ 80% RH, 5-9 PH	8-10 SY/Gal
<b>Unibond Flex Bloc</b>	Mohawk Wetset	12"	•	•	Lifeloc Carpet Seam Sealer (Moisture Proof)	5lbs/ 80% RH, 5-9 PH	8-10 SY/Gal

*Mohawk Everseal required for installations with subfloor moisture exceeding 5 lbs and/or 80%RH. Maximum allowable moisture with Everseal is 90% RH.*

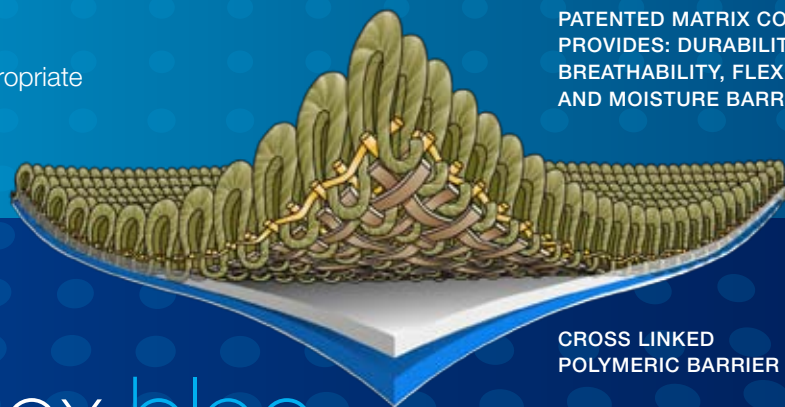
### Concerned about spills? No problem.

- Unibond Flex Bloc adds a second layer using a polymeric barrier that blocks moisture
- Moisture barrier constructed of a non-PVC, cross-linked, acrylic polymer
- Passes the British Spill Test
- Passes 10,000 Impact with appropriate Mohawk adhesive



UNIBOND FLEX BLOC BACKING COLOR

PATENTED MATRIX CONSTRUCTION PROVIDES: DURABILITY, BREATHABILITY, FLEXIBILITY AND MOISTURE BARRIER



ADVANCED THERMOSET CO-POLYMER

CROSS LINKED POLYMERIC BARRIER

unibondflex bloc

# warranty coverage\*

## LIFETIME LIMITED WEAR

Maintains at least 90% of surface weight

## LIFETIME LIMITED TUFT BIND

Superior tuft bind capabilities in high traffic environments.

## LIFETIME LIMITED STATIC PROTECTION

Will not give static discharge above 3.5KV

## LIFETIME LIMITED EDGE RAVEL

Ends will not ravel in normal use  
(seam sealer required for Unibond Flex and Unibond Flex bloc installations)

## LIFETIME LIMITED ZIPPERING

Will not zipper or develop continuous yarn runs

## LIFETIME LIMITED DELAMINATION

Will not delaminate (separate from the backing)

## LIFETIME LIMITED MOISTURE RESISTANCE

Will not lose usable properties from normal activity

## LIFETIME LIMITED DIMENSIONAL STABILITY

Will not shrink or grow and will not be affected by atmosphere, temperature, or humidity

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## UNIBOND FLEX BLOC ONLY

## LIFETIME LIMITED LIQUID MANAGEMENT

Keeps liquids from penetrating through the backing system.

## Limitations

The Unibond Flex Warranty does not cover damage caused by abnormal use or damage not rising out of defect in the carpet. This includes burns, tears, pills, cuts, installation on stairs, damage caused by improper maintenance or damage in transit.

Excludes edge ravel where carpet is cut to access floor outlets or trench header ducts.

Excludes dye lot variation or change in color due to improper maintenance.

Excludes conditions resulting from other ordinary wear.

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

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KARASTAN

LEES

Bigelow