



CARPET REFERENCE

CONSTRUCTION TYPES



Tufting

A popular type of carpet manufacturing that produces cut or loop yarn tufts sewn through a backing material. Standard tufting produces a carpet with regular linear placement of color.



Loop

Loop pile is the outer twist of fiber created on the loom and is the most durable type. Loop yarns can be Level (meaning at the same height) or Multi-Level, meaning at different heights. This is all done during the tufting process.



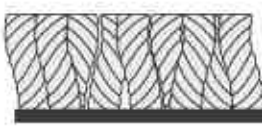
Cut Pile

This process is when all loops get cut to create a fuzzy surface texture.



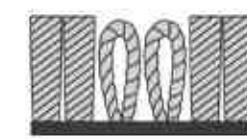
Tip Shear

This carpet manufacturing is when some parts of the loops are shaved to create textural differences. Tip shearing creates a more luxurious texture and enhances pattern definition.



Cut and Loop

This tufting process is a combination of textures and levels combining the face yarn types.



FIBER

TRUSTED PERFORMANCE

Common Nylon Fiber	Duracolor™ Tricolor Fiber
NEW CARPET WITH NO SOIL EXPOSURE	NEW CARPET WITH NO SOIL EXPOSURE
CARPET EXPOSED TO SOIL, CLEANED USING VACUUM ONLY	CARPET EXPOSED TO SOIL, CLEANED USING VACUUM ONLY

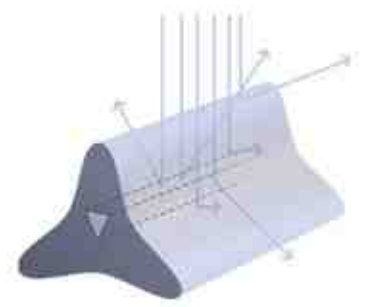


Common Nylon

Most nylon fibers have a solid core, which magnifies the appearance of soil between cleanings. And fibers with the trilobal shape also create deep crevices that obscure color clarity and trap dirt.

Duracolor™ Tricolor

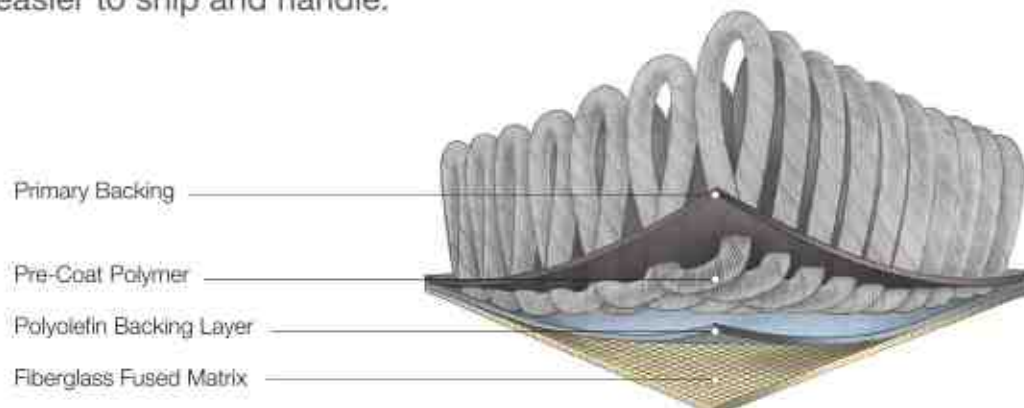
The toughest balancing act for carpet fiber engineers is to develop a fiber that hides dirt between cleanings without sacrificing clarity of color. The unique shape and placement of the hollow core scatters light for optimal soil hiding between cleanings, while enhancing color clarity.



BACKINGS

EcoFlex™ Matrix

Using advanced materials and patent pending engineering, EcoFlex Matrix lowers environmental impact without sacrificing performance. EcoFlex Matrix simplifies floor preparation and installation, greatly reduces sub-floor moisture concerns, and is easier to ship and handle.

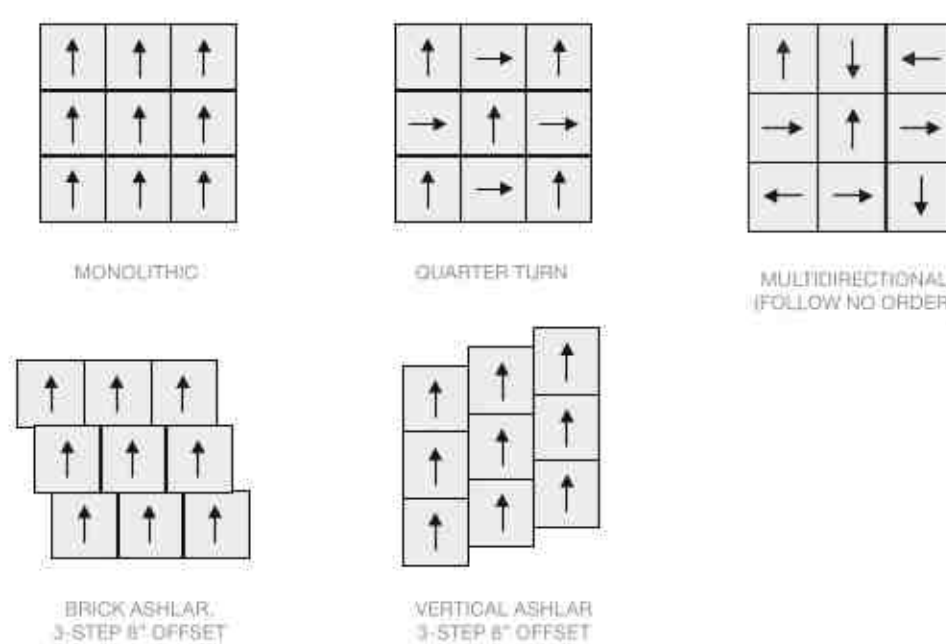


EcoFlex™ ONE

Using advanced materials and patent pending engineering, EcoFlex Matrix lowers environmental impact without sacrificing performance. EcoFlex Matrix simplifies floor preparation and installation, greatly reduces sub-floor moisture concerns, and is easier to ship and handle.

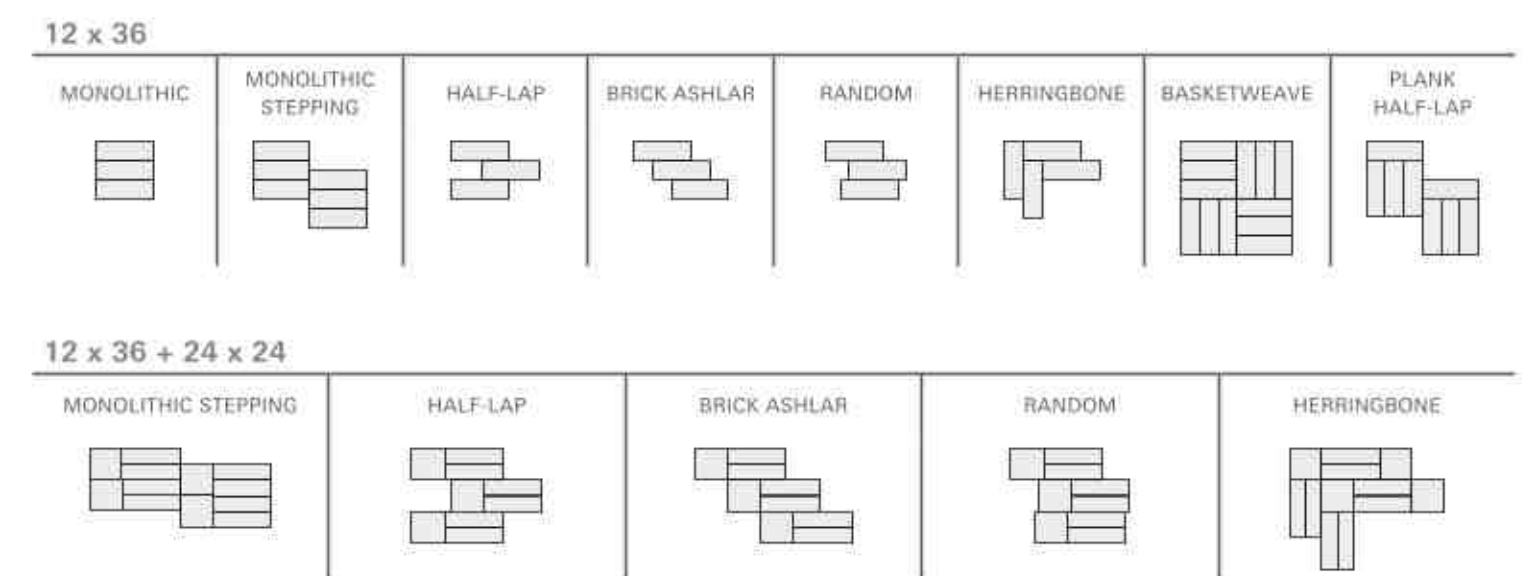


Tile Installation



INSTALLATION METHODS

Plank Installation



ADHESIVES



- Quick Tack
- Aggressive Bond
- Superior Shear Strength



- Minimal VOCs
- HPD and CRI Green Label Certified
- Dry Installation
- No Moisture Requirements
- Flexible Floating Floor



- Solvent Free, Very Low Odor
- "Zero" Calculated VOC
- FloorScore® Certified
- Extremely Tenacious Tack
- High Shear & Peel Strength
- CRI GLP Approved
- 93% RH
- Meets requirements of CA Sec 01350 IAQ
- Non Staining
- MicroSept™ Antimicrobial Protection
- Biodegradable Packaging
- Made in USA

SUSTAINABILITY



Mohawk Group is proud to be one of the more than 200 companies and organizations from around the world that have signed the Climate Pledge and pledged to meet the Paris Agreement's goals 10 years early—and achieve net-zero carbon by 2040.



The Living Product Challenge requires a product to have a net-positive impact on resources.

Declare.

Mohawk is participating in the Living Building Challenge™ Declare program by providing a clear, elegant, and informative "nutrition label" for building products.



All of our flooring products are Beyond Carbon Neutral, which means an additional 5% offset beyond neutral.



The foremost standard by which to evaluate and certify sustainability of commercial carpet products across their entire product life cycle.



Mohawk Group products are free from the most harmful chemicals commonly used in the building industry. We offer the industry's largest Red List-free product portfolio as well as a Red List-free installation process.



An Environmental Product Declaration (EPD) is a comprehensive, internationally standard report that documents the ways in which a product, throughout its life cycle, affects the environment.



A Health Product Declaration™ (HPD) is a standard format for reporting product ingredients and associated health information.