

T H E R M O - B O N D E D

ULTIMATE TECHNOLOGY IN TURF BACKING



 **MONDO** SPORT.TURF.



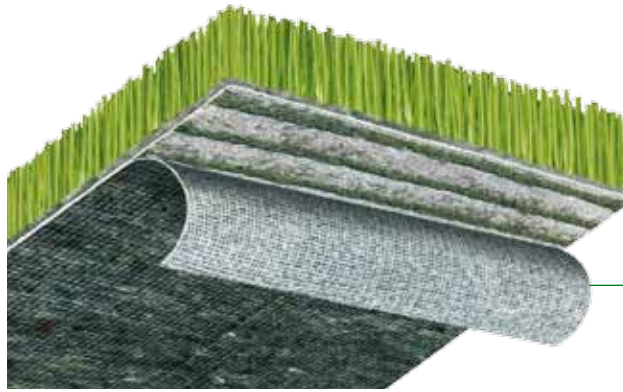
T H E R M O - B O N D E D

U L T I M A T E T E C H N O L O G Y I N T U R F B A C K I N G

Engineered and developed by Mondo, this fully thermoplastic artificial turf backing derived from a newly innovative and patented manufacturing process is easier to install and recycle than traditional polyurethane-coated artificial turf backing.

THERMO-BONDING PROCESS

THE THERMOPLASTIC CONTAINED WITHIN THE LAYERS IS MELTED TO ADHERE BOTH BACKINGS TOGETHER AND PERMANENTLY FUSE THE TUFTS IN PLACE.



TUFTING LAYERS

QUAD-LAYER CONSTRUCTION

STABILITY LAYERS

CHARACTERISTICS	THERMO-BONDED	TRADITIONAL
TUFT BIND	14 LBS.	8 LBS.
TEAR STRENGTH	>350 AVG	<250 AVG
DRAINAGE	>200 IN/HR	<60 IN/HR
EASE OF RECYCLABILITY	YES	NO
POST CONSUMER CONTENT	YES	NO
LAYERS	4	2-3
PRIMARY COMPOSITION	POLYESTER	POLYPROPYLENE

BENEFITS

Tuft bind

- Unparalleled tuft bind in the industry
- Consistent performance and playability
- Reduces premature wear or degrading aesthetics

Drainage

- Backing is >90% porous
- Unparalleled drainage
- Efficient water flow and consistent drainage throughout the entire backing
- No drainage holes required in the backing

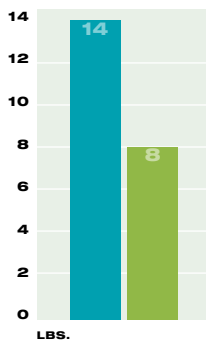
Environmental

- **100% recyclable**
Does not utilize any polyurethane components
- Contains >85% post consumer recycled content
- May contribute to LEED points

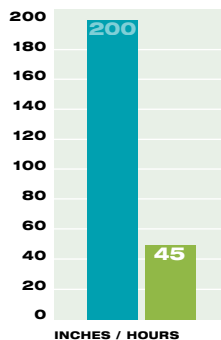
Construction

- **Strength & dimensional stability**
 - Quad-layer polyester woven and non-woven construction provides a reinforced matrix.
 - Not affected by moisture or changing environmental conditions.
- Flame resistant
- Creep resistant
- UV resistant

TUFT BIND
ASTM D1335



DRAINAGE CAPACITY
ASTM F1551



THERMO-BONDED TECHNOLOGY

TRADITIONAL BACKING



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