

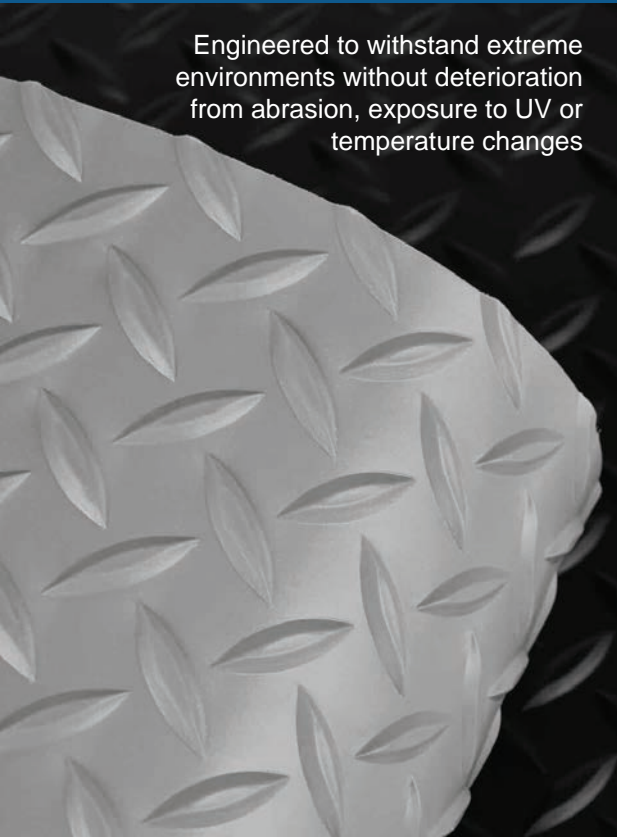
Tuff Trac® Wear Protection Matting

Three Unique Embossed Patterns

BILTRITE®
THERMOPLASTICS



Engineered to withstand extreme environments without deterioration from abrasion, exposure to UV or temperature changes



Serious protection for heavily-used surfaces with three unique non-slip patterns

Tuff Trac® brand wear protection matting is manufactured in a variety of formulations and patterns, and is widely used as an anti-slip surface protection on vehicle flooring.

Our proprietary formulations provide extraordinarily long life in the harshest conditions including all forms of off road equipment, fork lifts, emergency vehicles, public transportation vehicles or any application where continuous wear will impact primary surfaces.

Longer vehicle life and ease of maintenance make Tuff Trac® wear matting the most economical surface protection available and outlasts virtually all competitive materials while providing increased safety for workers or passengers.

Off-Road
Equipment



Baggage and
materials handling



Equipment



Tuff Trac® Wear Protection Matting with its non-slip surfaces can be used to protect surfaces in multiple vehicle types and also protect transported materials or baggage from scratches or abrasion.

Provides tough, non-slip wear protection for all classes of commercial and work vehicles.

Tuff-Trac® TPO – This product is designed with a unique fibrous polymer formulation which is modified with specialty thermoplastic additives to make the matting inherently flexible without the use of unwanted oils or plasticizers. This creates a wear protection surface that is superior to other technologies because it does not degrade due to plasticizer migration during the normal aging process.

Tuff-Trac® TPA – This product is engineered with a polymeric thermoplastic alloy blend which is designed to retain its physical properties over a wide range of environmental conditions. By designing the formula with high molecular weight modifiers, the material can withstand cycles of extreme heat and cold experienced in outdoor applications better than materials such as standard rubber or PVC which often use low molecular weight modifiers to reduce cost.

Tuff-Trac® TPA/Reinforced – This product option is a combination of RM Bilrite™'s proprietary TPA formulation plus the addition of a high strength polyester fabric backing. During the manufacturing process the polyester fabric backing is thermally fused to the underside of the matting to create a super tough product. Often this option is specified for applications with heavy duty work traffic where the applied force can result in a tear of non-reinforced matting.

Tuff-Trac® TPA/Peel and Stick Application – This product option provides a combination of RM Bilrite™'s proprietary TPA formulation plus the addition of a unique polymeric film backing, as well as factory applied pressure sensitive adhesive (PSA). The polymeric film backing is applied during the manufacturing process using thermally fused lamination to create a positive bond to the underside of the matting prior to application of the PSA. This step is critical to achieving good adhesion in affixed matting applications without the worry of the adhesive breaking down due to plasticizer migration.



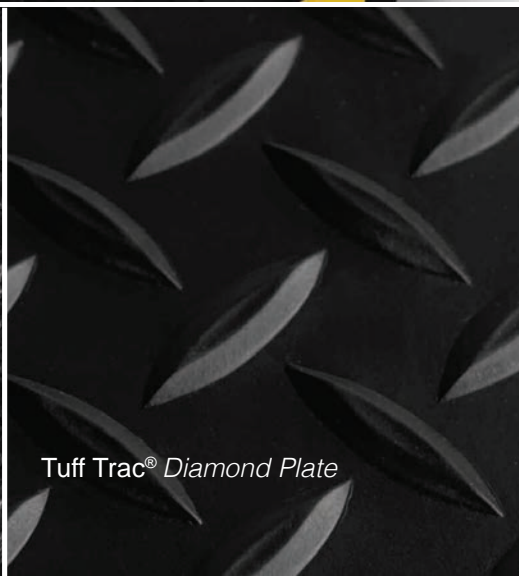
Tuff Trac® TPA/Peel and Stick available in Easy Sweep.
(Custom die-cutting for fast, easy assembly.)



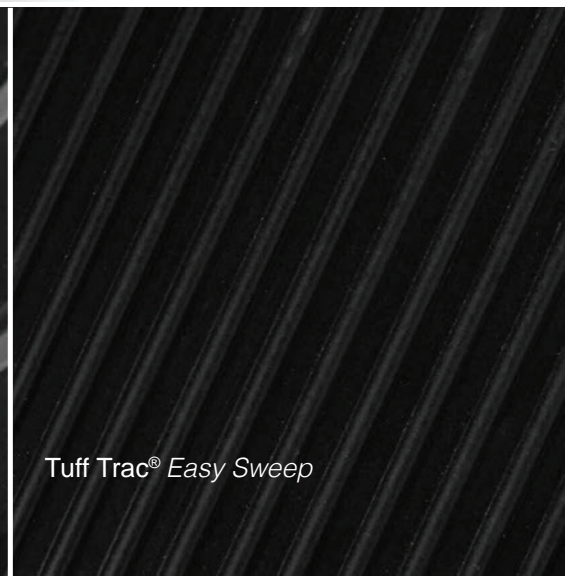
Ideal for applications where continuous wear will impact primary surfaces.



Tuff Trac® Deep Twist

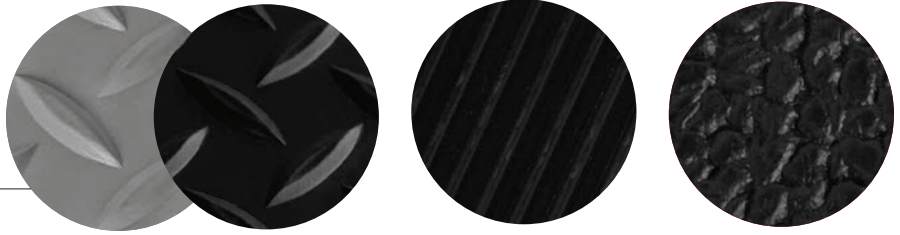


Tuff Trac® Diamond Plate



Tuff Trac® Easy Sweep

Tuff Trac® Wear Protection Matting Technical Data –



Product Characteristics		Test Method					
Embossing		Diamond	Diamond	Diamond	Easy Sweep	Deep Twist	Deep Twist
Thickness		5/32" (.156")	5/32" (.156")	5/32" (.156")	1/8" (.125") 1/4" (.250")	2/25" (.080") 1/8" (.125")	1/8" (.125") 3/16" (.188")
Polymer		TPO	TPA	TPA	TPA	TPA	TPA
Type		Non-reinforced	Non-reinforced	Reinforced	Peel and Stick	Non-reinforced	Reinforced
Standard color		"Lt. Gray, Black"	"Lt. Gray, Black"	"Lt. Gray, Black"	Black	Black	Black
Specialty color		Optional	Optional	Optional	Optional	Optional	Optional
Physical Properties							
Tensile	ASTM D412	600 lbs.					
Tear	ASTM D412	100 lbs.					
Puncture		Excellent	Good	Excellent	Good	Good	Excellent
Surface wear resistance	Taber, H-18 wheel/500 gr./1000 rev.	Excellent	Very Good	Very Good	Good	Very Good	Very Good
Dimensional stability	ASTM D1204	Good	Very Good	Very Good	Excellent	Very Good	Very Good
Weathering							
Accelerated weathering	Xenon-arc, 5000 hrs.	Excellent	Very Good	Very Good	Very Good	Very Good	Very Good
Color hold	SAE J 2527	Excellent	Very Good	Very Good	Very Good	Very Good	Very Good
Application							
Loose laid	n/a	Yes	Yes	Yes	No	Yes	Yes
Affixed	TBC PSA to steel deck	No	No	No	Yes	No	No

Rev. April 2013

Made in the USA by RM Bilrite™ LLC, a leading US manufacturer of engineered thermoplastic products including: building materials, specialty flooring and matting, noise attenuation, gasketing and other products with complex technical requirements.

For more information and samples, contact your local distributor or a RM Bilrite™ representative at (800) 877-8775.

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