



THE TYRED FLOORING COMPANY



## TECHNICAL SPECIFICATIONS

### 1. PRODUCT NAME

- DINOMAT®

### 2. MANUFACTURER

DINOFLEX Group Limited Partnership

### 3. PRODUCT DESCRIPTION

#### Composition & Materials

DINOMAT® flooring is formulated from 100% black recycled SBR (styrene butadiene rubber) rubber buffings and granules and revulcanized into consolidated 4' x 6' mats.

#### Special Considerations:

**Fitness Centers:** recommended under stationary equipment, no adhesive required.

**Ice Arena Applications:** recommended for players boxes and walk off areas.

**Golf Course Applications:** recommended for high pivot zone areas.

**Ski Resort Applications:** recommended for outdoor areas.

<u>Size</u>	<u>Thickness</u>	<u>Colors:</u>
DINOMAT – smooth top & bottom 4' x 6' = 24 sq. ft. 1.22 m x 1.83 m = 2.23 m <sup>2</sup>	1/2" 12 mm	Black only
DINOMAT – smooth top & bottom 4' x 6' = 24 sq. ft. 1.22 m x 1.83 m = 2.23 m <sup>2</sup>	3/4" 19 mm	Black only

#### NOTE:

1. All measurements are subject to nominal variation.
2. Thickness tolerance of ± 1.6 mm.

## 4. DESIGN & BASIC USE

DINOMAT® flooring is designed for use in sport, commercial, industrial, and equine facilities. Excellent impact and sound absorbing qualities make it ideal for use in industrial and livestock facilities. It is resistant to skate and spike traffic, thus performs exceptionally well in ice arena players' boxes, locker rooms and golf course high pivot zones. Thickest, toughest, and most economical in the market, DINOMAT's superior qualities make it the product of choice for providing sure footing in all types of indoor & outdoor applications.

**Uses are not limited to the above.**

Please contact DINO FLEX for information on custom cut interlocking DINOMATS.

## 5. INSTALLATION METHODS

- a) Anchoring DINOMAT on concrete – loose lay, no adhesive required. For indoor use, no moisture present.
- b) Glue down method - fully adhered, use DINO FLEX recommended adhesives. See adhesive manufacturers' recommendation for moisture tolerance.

Refer to DINO FLEX DINOMAT® flooring Installation & Maintenance Guidelines for information relating to sub-surfaces listed:

- 1) Concrete sub-surface
- 2) Wooden sub-surface

## 6. TECHNICAL DATA

### Test Standards for: American Society for Testing and Materials (ASTM)

- **ASTM C501** Standard Test Method for Relative Resistance to Wear of Rubber Tile by the Taber Abraser.
- **ASTM C1028-89** Standard Test Method for Determining the Static Coefficient of Friction of Ceramic Tile and other like Surfaces by the Horizontal Pull-Meter Method.
- **ASTM D2240** Standard Test Method for Rubber Property-Durometer Hardness.
- **ASTM D395B** Standard Test Methods for Rubber Property-Compression Set.
- **ASTM D412** Standard Test Methods for Vulcanized Rubber and Thermoplastic Rubbers and Thermoplastic Elastomers-Tension.
- **ASTM D 624** Standard Test Method for Tear Strength of Conventional Vulcanized Rubber and Thermoplastic Elastomers.
- **ASTM D570** Standard Test Method for Water Absorption of Plastics.

### Physical/ Chemical Properties

<b>TEST PROCEDURE</b>	<b>DESCRIPTION</b>	<b>VALUE</b>
ASTM C501	Taber Abrasion	500mg/1000
ASTM X1028-89	Static Co-efficient of Friction	.91+ (wet/dry)
ASTM D2240	Hardness Shore A Durometer	60 - 65
ASTM D395B	Compression Set Under Force	2.40%
ASTM D412	Tensile Strength	550 psi
ASTM D412	Elongation at Break	152%
ASTM D624	Tear Resistance	88 lbs/in.
ASTM D570	Moisture Absorption	0.16%

## **7. WARRANTY**

The standard warranty period is 5 years from date of shipment. Please, see DINO FLEX's limited warranty for particulars of coverage.