



**ROYAL MAT**<sup>INC</sup>

# Product Specifications Sheet

## T134R+P(A)/T134(A)/T134U

### Recycled Rubber Mat

#### PRODUCT SPECIFICATIONS

Colour	Black
Width	1,24m (48,75'') +/- 1,3cm (1/2'')
Length	1,85m (73'') +/- 1,9cm (3/4'')
Thickness	1,9cm (3/4'') +/- 0,2 cm
Weight	49 kg (108 lbs) +/- 1,5 kg (3 lbs)
Expansion	8,3 x 10 <sup>-5</sup> in/°F
Manufacturing process	Pressure moulded
Composition	96-99% recycled rubber from used tires
Top surface	Diamond plate, beehive or no pattern
Bottom surface	Longitudinal grooves 6mm wide, 3mm deep, spaced 19mm (1/4'' x 1/8'', spaced 3/4'')

#### TEST RESULTS

<u>Tests</u>	<u>Standard</u>	<u>Results</u>
Hardness	ASTM D-2240	70 +/- 5 Shore
Tensile strength at break	ASTM D-412	≥300 PSI
Elongation at break	ASTM D-412	≥75%
Tear resistance	ASTM D-624	≥100 PI
Abrasion resistance (tobacco)	ASTM D-3389	0,03mg/rev
Friction coefficient	ASTM D-1894	0.825
Thermal conductivity	ASTM C-510	1.052 BTU
Thermal resistance (R-Value)	ASTM C-518	TBD
Impact insulation class (IIC)	ASTM E-492 or ASTM E-2179-01	TBD
Robinson test	ASTM 627	TBD
Chemical resistance	Strong mineral acid	Good
	Oxidizing Acid (concentrated)	Weak
	Strong alkaline base	Good
	Hydrocarbon aliphatic	Average
	Petroleum oils	Good
Volatile loss	ASTM D-5747-2008 §11.3	0.3%
Density of smoke (flaming)	ASTM E-662-09	26.1% CV
Density of smoke (non-flaming)	ASTM E-662-09	7.7% CV
Radiant flux (flammability)	ASTM E-648-10	700mm/30min
UV discoloration	ASTM G-154	TBD