

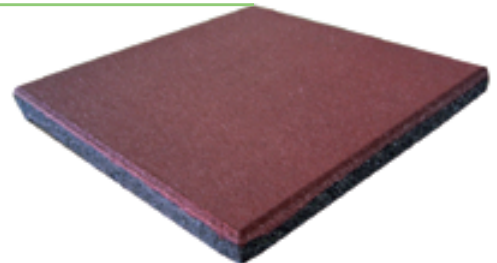
# Square Tiles

- The perfect choice for playground, Shock-Absorbent surfacing designed to cushion and absorb the impact of a fall and reducing injuries.

## PRODUCT SPECIFICATIONS

### Material Data

- Description : SBR Safety Recycled Rubber Tiles
- Materials : Top layer – 7-8mm thick of SBR pigmented shred rubber size 8-19 mess  
Bottom layer – SBR 6-19 mess with rubber granules
- Shape : Square
- Method : Both bonded with molded MDI based binder
- Dimension (mm) : 1000 x 1000, 500 x 500, 400 x 400, 300 x 300
- Thickness (mm) : 25mm to 75mm
- Colours option : Pigmented Series, Speckled Series, Full EPDM Series  
(Refer to colour chart for colour code).



### Technical Data & Physical Test

BS 7188 : 1989 (section 6) – Ease of Ignition  
Extinction of flame : 5 seconds  
Radius of burnt area : 25mm

BS 7188 : 1989 (section 4) - Skid Resistance  
Dry (BPN) 80 at both 0° & 180°  
Wet (BPN) 55 at 0° & 50 at 180°

ISO4662 : 1986 - Rebound Resilience  
Dunlop Resilience : 16% (Room Temperature)

DIN 53571 : 1971-Tensile Stress-Strain Properties  
Elongation at break : 0.26Mpa, 10kp/cm<sup>2</sup>

DIN EN 1177 : 2002-03-Impact Attenuation  
Report No : 07799343181 (Tested in TÜV Thüringen GmbH)

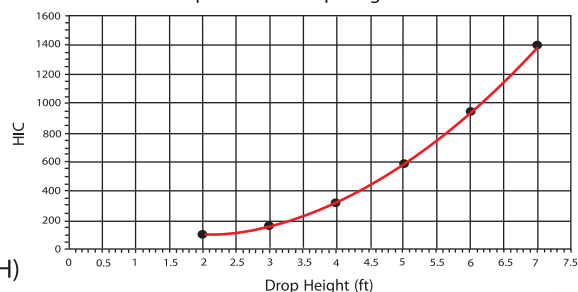
Critical Heights	Thickness
1500 mm	30 mm
2300 mm	45 mm
2800 mm	70 mm

ASTM F1292 : 1999 - Impact Attenuation (Free fall test Method)  
Critical Drop Height : 5'6" (50mm Thickness)

HIC vs Drop Height at various test temperature (50mm thickness)

Mean Critical Height (ft, inch)			
Test Temperature	-1°C	23°C	49°C
HIC (<1000)	7'5"	6'2"	6' 3"
Peak G or g-max(<200)	6' 6"	5' 11"	5' 6"
Critical Height (ft)	6' 6"	5' 11"	5' 6"

Graph - HIC vs Drop Height At 23°C



MIROAD reserves the right to make changes without notices.



**MIROAD RUBBER INDUSTRIES SDN BHD** (629141-D)  
http://www.miroadrubber.com • Email: sales@miroadrubber.com

YOUR SAFETY PARTNER