



## TECHNICAL DATA

Megasafe

Flooring for playgrounds, recreation areas and walkways

### Product description and Technical Specification

Rubber pads made of SBR ( Styrene Butadiene ) rubber granules compounded with polyurethane binder designed for playgrounds flooring, recreation areas and walkways . The pads are equipped with the holes to be used with plastic connector for the pads dry application. The upper surface is smooth and anti-slip, while the bottom surface is shaped to get high protection on impact falls. The pads are available in the size of 500 mm or 1000 mm side with the thickness of ....mm, with ....m of HIC.

**On request special colours are available**

- High HIC/thickness ratio - EN 1177
- Easy installation and maintenance, non-toxic
- Long time durability



PHYSICAL CHARACTERISTICS		Norm	Unit	20	30	40	45	50	65	80	100	Tolerance
Thickness			mm	20	30	40	45	50	65	80	100	± 1,5%
Raster			mm	-	15	28	28	28	50	50	75	± 1,5%
Length			mm	500 / 1000								± 1,5%
Width			mm	500 / 1000								± 1,5%
Weight per piece:	- dimensions 0.50 m x 0.50 m		kg	3.9	4.8	5.4	6.4	7.4	7.2	11.4	11.2	± 5%
	- dimensions 1.00 m x 1.00 m		kg	16.0	19.5	20.0	24.3	27.7	28.8	42.5	-	± 5%
Colour	<i>(the colour tone could vary from pad to pad)</i>			red - green - grey								

TECHNICAL CHARACTERISTICS		Norm	Unit	20	30	40	45	50	65	80	100
Critical Fall Height (HIC)		EN 1177	m	0.7	1.0	1.4	1.5	1.6	2.4	2.1	3.2

PHYSICAL AND CHEMICAL PROPERTIES		Norm	20	30	40	45	50	65	80	100	
Fire resistance		EN 13501-1	Efl, E								
Temperature tolerance			- 40° C ; + 80° C								

### PACKING AND STORING

Each pallet is wrapped and protected with waterproof polythene film. Inside storage is recommended to avoid possible water penetration.

### WARNINGS

Make sure all the pads have the same temperature during the entire installation period. Lay down the pads 24 hours before the installation to allow them to get their original dimensions.

Install all the pads in a single laying session in order to guarantee installation under similar conditions.

### INFLUENCE FROM ATMOSPHERIC CONDITIONS

In order to get the idea application environmental conditions the temperature of the application site place have to be above 4°C for at least 24 hours before the pads application. If the site application has temperature below to 4°C, please keep the pads stored for at least 72 hours before the installation at a temperature above 10°C.

Do not install the pads on sites where the temperature is below at 4°C for long time. The pads have to be stored and installed on shadow in order to avoid pads overheating.

The suggestions and technical information given above represent our knowledge regarding the properties and the product's uses. ISOLGOMMA reserve the right to modify or update this data without prior notice. This document is the property of ISOLGOMMA and all rights are therefore reserved



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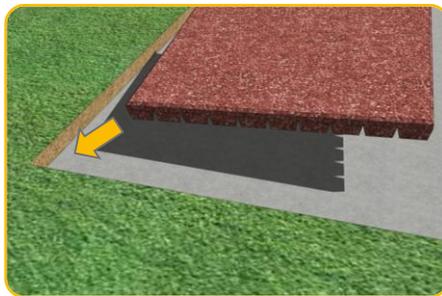
Flooring for playgrounds, recreation areas and walkways

### INSTALLATION INSTRUCTIONS

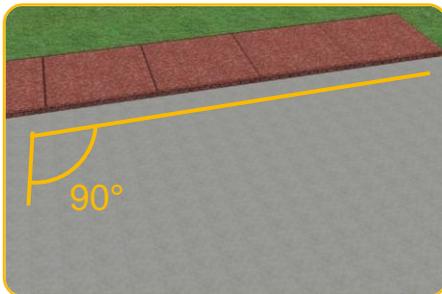
*The installation surface must be flat, stable and protected from frost. The best substrates are leveled bed of gravel (grain size: 0-7 mm, water-permeable) or concrete. On a gravel base the only possibility is a dry laying; on a rigid base (asphalt, concrete ...) the product can be dry laid or glued.*

#### DRY APPLICATION

Start the installation from the corner of the surface to be covered leaving exposed the pad side prepared for the connectors.



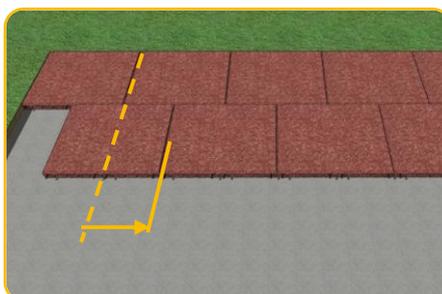
Install the first row of tiles to the edge of the other side checking for proper alignment and perpendicularity



Insert the connectors on the entire row of tiles, nr. 2 per pad.



Install the second row offsetting to the first row of half plate. Continue offsetting the other rows to complete the surface



#### GLUE APPLICATION

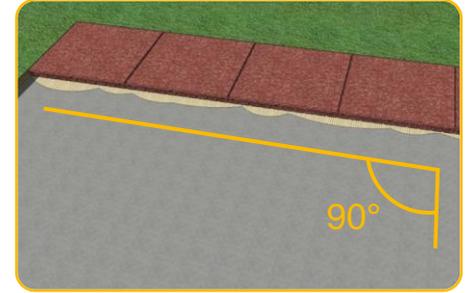
Clean the surface of installation



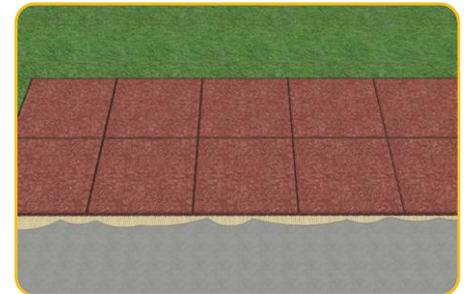
Apply the glue on the concrete surface with a notched trowel of 3 mm



Install the first row of tiles to the edge of the other side taking care for a proper alignment and perpendicularity



Keep the following other rows to complete the surface



For more information, refer to the installation manual downloaded from the website [www.isolgomma.com](http://www.isolgomma.com)