EPDM Elastic Slabs 30, 40, 50, 55, 70, 80 mm
Softsystem 90 mm

1. Applications

EUROFLEX® EPDM Elastic Slabs are used as fall-impact protection surfacing in conformance with EN 1177:2018 under outdoor playground equipment for fall heights 1,0 m up to 3,0 m or as elastic surfacing slabs on school recess areas, fitness studios.
Conditionally resistant to spiked golf shoes or edge trim. Easy and inexpensive to install – with excellent dimensional stability due to integrated connector pins and interlocking masonry-style installation.

EUROFLEX® EPDM Elastic Slabs are manufactured by an environment-friendly process and can be recycled as process raw material at the end of their service life.

They can be played on under almost any weather conditions.

2. Material

Rubber granulate:	granulated recycled rubber, topping colored new EPDM granulate
Binding agent:	MDI polyurethane
Base frame:	Plastics material

3. Characteristics

Colour subbase:	black minor colour variations and/or fading possible
Surface:	smooth with open pores
Lower side:	dimple-textured (for drainage)
Other data:	plastic connector pins included
Colour base frame:	Geomembrane white, plastics material black

4. Dimensions / Tolerances

Dimensions [mm]	Weight [kg]/ unit	Max. Fall Height [m]
500 x 500 x 30	approx. 5,6	1,00
500 x 500 x 40	approx. 8,1	1,20
500 x 500 x 50	approx. 8,4	1,40
500 x 500 x 55	approx. 9,3	1,60
500 x 500 x 70	approx. 10,8	2,10
500 x 500 x 80	approx. 12,8	2,40

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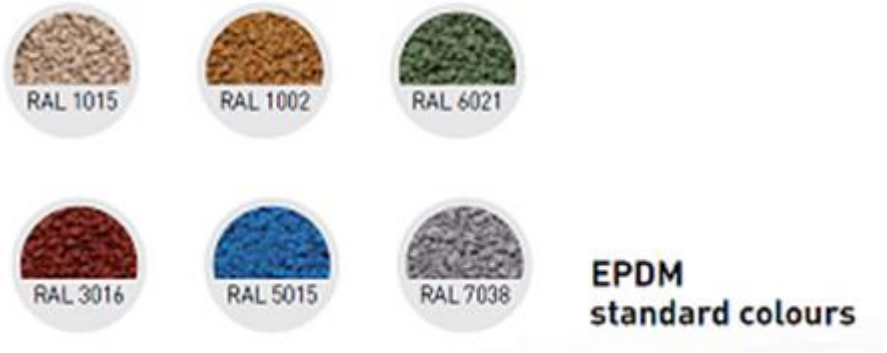
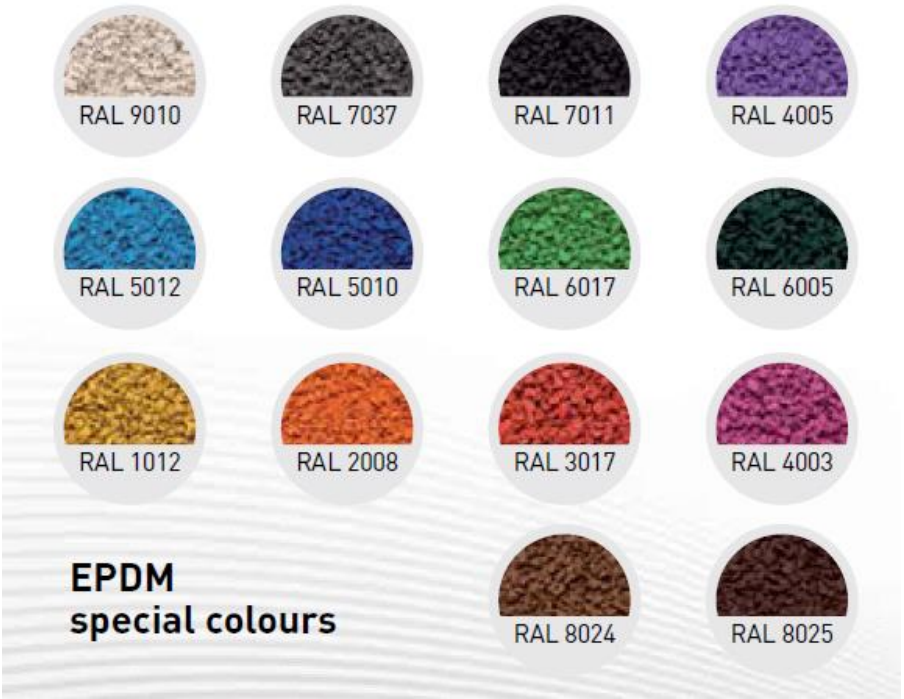
Softsystem 90 mm:

500 x 500 x 70	approx. 10,8
Base frame:	Rolls Width: 1000 mm, Thickness: 20 mm, Length: 30000mm
Weight:	approx. 1,0 kg/m² 3,00

Dimensional tolerances: length, width: +/- 0,8 %, thickness: +/- 2 mm

ATTENTION: the color specification base on RAL and may differ from the product.





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5. Test Data

Production facility inspection

Permissible fall height:	in accordance with EN 1177:2018	
HIC 1000	in accordance with EN 1176-1:2018	
Migration of certain elements:	in accordance with DIN EN 71-3	
Fire resistance:	Class Bfl s1	(DIN EN 13501-1, 2018)
Abrasion resistance:	rV 5,9	(DIN 18035) BS 7188-4
Chemical resistance:	conditionally resistant to acids and bases	
Salt water resistance:	resistant in accordance with DIN EN ISO 175, DIN EN ISO 3386-2	

6. Installation

Pour level layer of lean concrete or crushed rock over frost-stable sub grade.
If the surface covered is an existing concrete or asphalt surface, take care to provide sufficient slope for water drain-off and level off any irregularities.
Use edge slabs and corner slabs around the surface to minimize the danger of stumping.
Install the slabs in a masonry-type configuration, i.e. beginning every second row with a half slab. Insert connector pins fully into the receiving holes.
To ensure secure placement, cement the crosswise joints of the first and the last row.
The cement used should be a 1-component PU adhesive cement.
Cut slabs to size using a powered sabre saw.
Note the complete Installation instruction.

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