

SHOCK PAD TYPE SPORTS X

technical data collection sheet



The SportS X is a high-quality, prefabricated shock pad, made from cross-linked polyethylene foam and specially developed for artificial turf sports fields with high quality requirements and which should meet standards such as FiFa, DIN, World Rugby, etc.

The SportS X is supplied on a roll. Of course, the roll lengths can be adjusted per project.

We can produce our SportS X shock pads with a thickness between 6mm and 20mm and with densities from 30 to 100 gr/l. Do not hesitate to contact us if you require a thickness/density combination that is not listed.



Technical properties

type	standard	unit	X8/50	X10/30	X10/50	X10/70	X12/50	X12/70
foam material			XPE	XPE	XPE	XPE	XPE	XPE
thickness	EN 1969	mm	8	10	10	10	12	12
density	ISO 845	gr/ltr	50	30	50	70	50	75
mass per unit area	ISO 8543	kg/m ²	0.34	0.27	0.46	0.60	0.52	0.73
tensile strength	EN 12230	Mpa	> 0.15	≥0.35	≥0.50	≥0.50	≥0.50	≥0.50
water permeability	EN 12616	mm/h	>3000	>3000	>3000	>3000	>3000	>3000
water absorption	DIN 53 428	vol.%	1.97	1.97	1.97	1.97	1.97	1.97
shock absorption	TS 16717 AAA	%	40	31	36	40	44	52
vertical deformation	TS 16717 AAA	mm	5.4	6.6	6.8	6.5	8.1	7.2
Environmental and Toxicological Properties	EN 15330-04 annex D		pass	pass	pass	pass	pass	pass



Our sports elastic layers are free of heavy metals and contain no hydrocarbons, volatile organic components or other elements classified as environmentally harmful. The elastic layers meet the very strict environmental 2011/65/EU Directive on hazardous substances.



The sports elastic layers are 100% recyclable.



All SportS X shock pads are supplied on a roll and are therefore quick and easy to install. Consult our Installation Manual how to install the SportS-X shock pad

DISCLAIMER: These specification are based on in-house and independent laboratory tests, literature and/or calculations, to the best of our knowledge, true and accurate. All values are average. This publication replaces all previous data sheets. Refoam however, cannot guarantee the total accuracy of the information included. Refoam reserves itself the right to change this specification and/or product without notice. Refoam assumes no legal responsibility for use or reliance of data.