





MYcell-P

HIGH DEPTH SUBSEA FOAM CORE

ADVANTAGES

WATER RESISTANCE

HIGH HYDRAULIC CRASH POINT

SUPERIOR COMPRESSION STRENGTH

LOW WATER ABSORPTION

THERMOFORMABLE

OUTSTANDING DAMAGE TOLERANCE MYcell-P is a high density closed cell cross-linked PVC with superior compression strength and Hydraulic Crash Point for sub-sea application.

MYcell-P thanks to its buoyancy and low water absorption under long-term is the best choice for sub-sea special needs.

FIELDS OF APPLICATION

MYcell-P is an excellent choice for application that require high compression strength and Hydraulic crash point in a long term.

SUSTAINABLE GRADES

ecoGreEN eco-variant of MYcell reduces the carbon footprint by incorporating raw materials produced using energy from renewable sources.

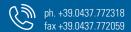
eco-variant of MYcell takes carbon footprint reduction a step further. MYcell EcoBlue incorporates raw materials derived from agricultural and industrial waste, all produced using energy from renewable sources.















TECHNICAL DATA SHEET TYPICAL VALUES



FOAM			P200	P250	P320	P400
Density	ISO 845 (min)	kg/m³	200 (180)	250 (225)	320 (280)	400 (370)
Compressive strength	ISO 844:2014 B	MPa	5,07	6,88	8,87	11,29
Compressive modulus	ISO 844:2014 B	MPa	300	384	499	633
Shear strength	ISO 1922	MPa	3,44	4,37	5,57	7,26
Shear modulus	ISO 1922	MPa	77	98	123	158
Shear elongation at break	ISO 1922	%	35	35	15	12
Tensile strength	ASTM D 1623	MPa	6,26	7,19	9,77	12
Tensile modulus	ASTM D 1623	MPa	358	439	559	700
Hydraulic Crash Point	ASTM D2736 (practice B)	Bar	48	66	95	125
Standard block dimensions		mm	750 1600	700 1500	600 1300	570 1250