

MYcell-T

HARD POINT REINFORCEMENT FOAM CORE

ADVANTAGES

- ENHANCED FEATURES
- SUPERIOR COMPRESSION STRENGTH
- MILDEW RESISTANT
- LOW WATER ABSORPTION

MYcell-T is a high density closed cell cross-linked PVC with superior compression and shear properties for lightweight building application, hard point reinforcements and transom boards.

MYcell-T stands out thanks to its superior mechanical properties, workability, mildew resistance and low maintenance

FIELDS OF APPLICATION

MYcell-T is an excellent choice for application that require high strength to weight ratio. Give is low water absorption and mildew resistance, is suited to high humidity setting.

SUSTAINABLE GRADES

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

ecoBlue 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

MYcell-T

HARD POINT REINFORCEMENT FOAM CORE

FOAM			T250	T320
Density	ISO 845 (min)	kg/m ³	250 (225)	320 (280)
Compressive strength	ISO 844:2014 B	MPa	6,88	9,5
Compressive modulus	ISO 844:2014 B	MPa	384	705
Shear strength	ISO 1922	MPa	4,37	5,57
Shear modulus	ISO 1922	MPa	98	123
Shear elongation at break	ISO 1922	%	35	15
Tensile strength	ASTM D 1623	MPa	7,19	9,77
Tensile modulus	ASTM D 1623	MPa	439	559
Screw retention	# 12 SCREW	N	1180	1700
Flexural strength	ASTM D790	MPa	7,7	9,6
Flexural modulus	ASTM D790	MPa	218	273
Standard block dimensions		mm	700 1500 47	600 1300 44