





# **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 resitance 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.







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## TECHNICAL DATA SHEET TYPICAL VALUES

HARD POINT REINFORCEMENT FOAM CORE

FOAM			T250	T320
Density	ISO 845 (min)	kg/m³	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	Ν	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

The data given here are the results of tests carried out by various laboratories. Unless explicitly defined as a minimum value, it should be considered as a typical average value. The data sheet is subject to revision. The specific use must be verified by suitable tests. The data does not represent a guarantee for the use of the material. This data sheet does not constitute a liability for the company. Please check the last version (MS050 rev1.2 02/2025).