

Declaration of Performance

No.BY161UV7H25-2019

1. Unique identification code of product type:

TitanPlast Multiwall Polycarbonate sheets, 16mm, 2500 g/m²

2. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

For internal and external use roofs, walls and ceilings

3. Manufacturer:

TitanPlast LLC,
Ustue drive 2, building 3, cabinet 1,
Novopolotsk, Vitebsk region, 211440,
Republic of Belarus
tel. +375214530962
E-mail: info@titanplast.by
www.titanplast.by

4. Authorized representative:

Not applicable

5. System/s of AVCP:

System 1

6a. Harmonized standard:

EN 16153:2013+A1:2015

Notified body/ies: Inspecta, UAB, No.2268

6b. European Assessment Document:

Certificate No. 2268-CPR-096.

Technical Assessment Body, Notified body/ies: The certification body for construction materials registered under No.2268 Inspecta, UAB has carried out initial inspection of the plant as well as implant production test and is carrying out ongoing monitoring, assessment and recognition of implant production testing in Annex ZA of the standard EN 16153:2013+A1:2015.



7. Declared performance Essential characteristics Performance Harmonized technical specification EN 16153:2013+A1:2015

Performance characteristics	Specified values requirements			Harmonized technical
Reaction to fire	B-s1, d0			EN 13501-1:2007+A1:2010
Resistance to fire	NPD			
Sheet thickness, mm.	16	16	16	
Weight, g/m ²	2500	2500	2500	
Color	Transparent	Toned	Opal	
Water vapour permeability	3,8 x 10 ⁻⁵ mg/m h Pa			EN 16153:2013+A1:2015
Water/air permeability	Pass			
Release of dangerous substances	NPD			
Shatter properties (safe breakability) as:				
- Small hard body impact resistance	Pass			
- Large soft body impact resistance (assembly)	Pass			
Mechanical resistance (deformation behaviour)	Bx= 205 Nm ² /m By= 57 Nm ² /m Sy= 2290 N/m Mb= 57 Nm/m			
Direct airborne sound insulation	R= 21Db			
Dimensional tolerances	Pass			
Light transmittance,%	60	42	23	
Thermal Insulation(U value) W/m ² .K	1,76	1,76	1,76	
Resistance to fixings	The sheet must be framed by proper profiles (see manufacturer's information)			
Warranty period, years	10	10	10	
Durability, as variation (after ageing):				
- of yellowness index	ΔA clear ΔA colored			
- of the light transmittance	ΔA			
- of deformation flexural modulus	Cu1			
- of tensile strength	Ku1			

Signed for and on behalf of the manufacturer by:
Sergei Timofeev, Director

(27.11.2019)

