

**GT XPS 300 PANEL**

**Designation Code: XPS-EN 13164-T3-TR600-WL(T)0,7-CS(10\Y)500-DS(TH)**

Properties	Standard	Values
Dimensions(mm)	-	1250x600
Typical Thickness(mm)	-	20-200
Thickness tolerance	EN 822	T1
Surface	-	Rough Smooth Surface
Declared thermal Conductivity $\lambda_d$ *50mm - 70mm	EN 12667:2004	0,0275W/(m.K) 0,0351W/(m.K)
Declared thermal Resistance $R_d$ at 10 <sup>0</sup> C and d=50mm d=70mm	EN 12667:2004	1,82 m <sup>2</sup> . K/W 2,00 m <sup>2</sup> . K/W
Tensile Strength perpendicular to faces	EN1607	600kPa
Compressive stress – 10% deformation	EN826	550kPa
Dimensional Stability – 48Hrs - Thickness - Width - Length	EN1604:2006	0,20% 0,12% 0,12%
Long –term Water absorption	EN 12087:1997	Less than 3%
Profile	-	L type

*\*Laboratory value for new product GT-XPS HP*

**The above mentioned Designation Codes stand for:**

- XPS – Extruded Polystyrene
- EN 13614- European standard for extruded polystyrene
- Ti – Declared value of thickness tolerance
- TRi- Tensile strength
- CS – Compressive Stress at 10% deformation
- WL(T) – declared value of long term water absorption
- DS(TH)- Dimensional stability <5% under 70<sup>0</sup>C and 90% relevant humidity

**Initial Type Tests done by Notified Body No.1950**