



Declaration of Performance

No. DoP-Tower-EU-PVC-50-2021.08.23

1. Unique identification code of the product-type:

Tower EU PVC 50

2. Intended use or uses:

Synthetic roofing membrane made of flexible polyvinyl chloride (PVC), produced with a polyester weft inserted reinforcing scrim. Used as a roof waterproofing membrane in ballasted, fully adhered, and mechanically attached roof systems.

3. Name, registered trade name or registered trademark and contact address of the manufacturer:

Tower EU PVC

Manufacturer:

Canadian General-Tower Ltd.

52 Middleton St.

Cambridge, ON N1R 5T6

Canada

4. System or systems of assessment and verification of constancy of performance of the construction product:

System 2+

5. Construction product covered by the harmonized standard EN 13956:

FM Approvals Limited, notified body No. 2809 has performed the initial inspection of the factory and of the factory production control and performs the continuous surveillance, assessment and approval of the factory production control under system 2+ and issued the certificate of conformity of the factory production control 2809-CPR-M0001

6. Declared performance:

Essential Characteristics		Unit	Performance	Harmonized Technical Specification
Watertightness	EN 1928 Method B	kPa	Pass	EN 13956:2012
Reaction to Fire	EN 13501-1		Class E	
External Fire Performance	13501-5		B _{Roof} (t1)* B _{Roof} (t2)* B _{Roof} (t3)* B _{Roof} (t4)*	
Joint Peel Resistance	EN 12316-2	N/50mm	≥150	
Joint Shear Resistance	EN 12317-2	N/50mm	≥800	
Tensile	EN 12311-2	N/50mm	≥1000 MD** ≥1000 XMD**	
Elongation	EN 12311-2	%	≥18 MD** ≥18 XMD**	
Tear	EN 12310-2	N	≥165	
Dimensional Stability	EN 1107-2	%	0.3	

* Details of roof systems tested, of which Tower EU PVC is a component, are available from the manufacturer or FM Approvals Limited.

** MD = Machine Direction; XMD = Cross Machine Direction

7. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.

Signed for and on behalf of the manufacturer by:



Linda Sun
Technical Director
Canadian General-Tower Ltd.

Cambridge, August 2021