

**DECLARATION OF PERFORMANCE****Elevate UltraPly™ TPO 1.8****No. UKDoPTPO1.8v03R-2023-06-06**

- 1. Unique identification code of the product-type:**
Elevate UltraPly™ TPO 1.8
- 2. Identification of the construction product:**
Part number prefix: W56TPM3E or W56TPMGE
Lot number: see label
Production date: see print on membrane
- 3. Intended use or uses:**
White or grey synthetic roofing membrane made of flexible thermoplastic polyolefin (FPO) with a nominal thickness of 1.8 mm (MDV) and produced with a polyester weft inserted reinforcement; used as a roof waterproofing membrane in ballasted, fully adhered, mechanically attached and extensive green roof systems as defined by BS EN 13956.
- 4. Name, registered trade name or registered trademark and contact address of the manufacturer:**

Elevate UltraPly™ TPO

<i>Manufacturer:</i> Holcim Solutions and Products EMEA Ikaroslaan 75 1930 Zaventem Belgium	<i>Factory:</i> Holcim Solutions and Products US 320 Innovation Way Wellford, SC 29385 USA
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- 5. Contact address of the authorised representative:**
Not applicable
- 6. System or systems of assessment and verification of constancy of performance of the construction product:**
System 2+
- 7. Construction product covered by the harmonized standard BS EN 13956:**
FM Approvals Limited, notified body No. 1725, 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 1725-CPR-UKM0004.

8. Declared performance:

Essential characteristics		Performance		Designated technical specification
		Value 1.8 mm	Unit	
Reaction to fire	BS EN 13501-1	E		BS EN 13956:2012
External Fire Performance	BS EN 13501-5	F ¹⁾		
Water tightness	BS EN 1928	Pass	kPa	
Tensile strength	BS EN 12311-2	≥ 1200	N/50mm	
Elongation	BS EN 12311-2	≥ 20	%	
Root resistance	BS EN 13948	Pass		
Resistance to static loading	BS EN 12730 (A)	≥ 20	kg	
	BS EN 12730 (B)	≥ 20	kg	
Resistance to impact	BS EN 12691 (A)	≥ 1000	mm	
	BS EN 12691 (B)	≥ 2000	mm	
Tear resistance	BS EN 12310-2	≥ 400	N	
Joint peel resistance	BS EN 12316-2	≥ 300	N/50mm	
Joint shear resistance	BS EN 12317-2	≥ 800	N/50mm	
Durability – UV exposure	BS EN 1297	Pass (≥7500h)	visual	
Foldability at low temperature	BS EN 495-5	≤ -35	°C	
Dangerous substances		None ²⁾		

- 1) In accordance with BS EN 13956:2012 the classification of the product in accordance with BS EN 13501-5 is limited to class F. Classifications of roof build-ups can be obtained separately.
- 2) This product is an article as defined in article 3 of UK REACH regulation. It contains no components which are intended to be released under normal or reasonably foreseeable conditions of use. Based on current knowledge, this product does not contain substances of very high concern as listed in Annex XIV of the UK REACH regulation or in the "Candidate List of Substances of Very High Concern for Authorisation" published by HSE in concentrations above 0.1 % (w/w).

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:



Roshan Shrestha
Product Innovation and Technical Director
Holcim Solutions and Products EMEA
Zaventem, June 2023