

DECLARATION OF PERFORMANCE

Nr: CPR-2026-P500-ETA-1

1. Unique identification code of the product-type:

Urespray P-500

2. Intended use/es:

Liquid Applied Roof Waterproofing Kit, based on pure polyurea

3. Manufacturer:

SYNTHESIA TECHNOLOGY EUROPE, S.L.U.

Argent,3 - 08755 Castellbisbal (Barcelona-España)

www.synthesia.com

4. System/s of AVCP:

EVCP- System 3

5. European Assessment Document:

EAD 030350-00-0402

European Technical Assessment:

ETE-16/0153

Notified body/ies:

Instituto de Ciencias de la Construcción Eduardo Torroja - Notified body Nr. 0370

LGAI TECHNOLOGICAL CENTER, S.A/APPLUS - Notified body Nr. 0370

6. Declared performance/s:

ESSENTIAL CHARACTERISTICS	PERFORMANCE	
External fire performance	B_{roof} (t1)	
Reaction to fire	E	
Content, emission and/or release of dangerous substances	NPA	
Resistance to water vapour	$\mu \approx 3400$ (thickness 1,5 mm)	
Watertightness	Watertight	
Resistance to wind loads	Support + Primer + Membrane	> 50 (kPa)
	Concrete	1.8
	Steel	1.2
	PU	0.2
Resistance to mechanical damage (perforation)	Resistance to dynamic indentation (23 °C)	
	Support	Resistance Level
	Steel	I4
	PU foam	I4
	Resistance to static indentation (23 °C)	
	Support	Resistance Level
	Steel	L4
	PU foam	L4

ESSENTIAL CHARACTERISTICS	PERFORMANCE
Resistance to fatigue movement	Resistance to fatigue movement. W3: 1000 cycles (-10°C): Pass
Resistance to the effects of low and high surface temperatures	Resistance to low temperatures (-20°C)
	Support Indentor (mm) Resistance Level
	Steel 6 I4
	PU 10 I3
	Resistance to high temperatures (30 °C to 90 °C)
	Temperature (°C) Support Load (N) Resistance Level
	30°, 60°, 80°, 90° Steel 250 L4 PU 250 L4
Resistance to ageing media (heat and water)	Resistance to heat ageing W3, S (Severe) (200 days at 80 °C)
	R. Dynamic Indentation at -20°C I4
	Fatigue movement (50 cycles) at -10°C: Pass
	Tensile Properties (MPa / %) Initial 18 / 280 200 days 23 / 423
	Resistance to water ageing W3, S (Severe) (180 days at 60°C)
	R. Static Indentation 180 days Temperature (°C) Support Load (N) Resistance Level
	30, 60, 80, 90 Steel 250 L4 PU 250
Resistance to UV-radiation in the presence of moisture	W3: 5000 hours S (Severe)
	R. Dynamic Indentation -10°C / 5000 h I4
	Tensile Properties (MPa / %) Initial 18 / 280 5000 h 25 / 361
Resistance to plant roots	This system is resistant to plant roots
Effects of day joints	0.05 MPa. Pass
Halkrisk	NPA ¹

¹ ENV 12633:2003 Annex A). The kit with ALISYN and 8% of AS Additive show a Rd= 49

The performance of the product identified above is in conformity with the set of declared performance/s.

This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufactured by:

At Barcelona on 11/06/2026



David Palreja

CEO

Synthesia Technology Europe, S.L.U