



Declaration of Performance

No.
487/2016



1. Unique identification code of the product-type: **TIL-R Breathable Pitched Roof Underlay & TIL-R Breathable Pitched Roof Underlay Plus**
270090025/10535545 270090030/10535546 270090035/10535547 270090040/10535548
2. Intended use: **Flexible sheets for waterproofing- underlays for discontinuous roofing and wall cladding**
3. Manufacturer: TIL-R, Harding Way, St Ives, Cambridgeshire PE27 3YJ
www.til-r.co.uk info@til-r.co.uk
4. System of assessment and verification of constancy of performance: **3**
5. Harmonised standard: **EN 13859-1:2010; EN13859-2:2010**
Notified body: Institut pro Testování a Certifikaci, a.s.
Třída T. Bati 299, 764 21 Zlín
Jednostka notyfikovaná 1023

Centralny Ośrodek Badawczo – Rozwojowy Przemysłu Izolacji Budowlanej
Al. W. Korfantego 193 A, 40 – 157 Katowice. Notified Body 1486

6. Declared performance:

Essential characteristics		Performance		Harmonised technical specification: EN 13859-1:2010 EN 13859-2:2010
		Result		
Reaction to fire [class]		Ed-2		
Dangerous substances		None		
Flexibility at low temperature [°C]		-40		
Water vapour transmission properties Sd [m]		0,02 (+0,020/-0,005)		
Resistance to water penetration [class]	Before artificial ageing	W1		
	After artificial ageing	W1		
Tensile strength [N/50mm]		MD	CD	
	Before artificial ageing	245 (+/-45)	175 (+/-45)	
	After artificial ageing	210 (+/-45)	150 (+/-45)	
Elongation [%]		MD	CD	
	Before artificial ageing	50 (+/-25)	60 (+/-25)	
	After artificial ageing	30 (+/-20)	40 (+/-20)	
Resistance to tearing [N]		MD	CD	
		130 (+/-30)	140 (+/-30)	

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 on behalf of the manufacturer by:

Andrew Wakelin
Managing Director
SIG UK Exteriors
02 September 2016