

DECLARATION OF PERFORMANCE



BASED ON THE DECREE NO. 305/2011 OF EUROPEAN PARLIAMENT AND OF THE COUNCIL

1. Unique identification code of the product type	81500
	Name of product: POLYLACK ELASTIC
2. Type and batch numbers	As given on the declaration of conformity of the product
3. Intended uses	As given in the ETA-18/0169 of 30/09/2021 3.1 POLYLACK ELASTIC is a fire stopping and fire sealing product, white, ablative, acrylic mastic. It is used as a paint (to form coating) or filler (for adhesion or filling gaps), to form mixed penetration seals where combustible pipes, insulated metal pipes, single cables or cable bundles penetrate walls and floors. It is supplied in liquid form in buckets. 3.2 The intended use of POLYLACK ELASTIC is to reinstate the fire resistance performance of flexible wall, rigid wall or rigid floor constructions where they are penetrated by combustible pipes, insulated metal pipes, single cables or cable bundles.
	As given in the ETA - 18/0170 of 27/03/2020 3.1 POLYLACK ELASTIC is a fire protective product, white, ablative, acrylic mastic. It is used as a membrane-forming coating in linear joint or gap seals in walls and floors. It is supplied in liquid form in buckets, and is gunned or brushed onto mineral wool, used as a backing material. 3.2 The intended use of POLYLACK ELASTIC is to reinstate the fire resistance performance of rigid wall and floor constructions where there are linear joints and gaps.
4. Name and contact address of the manufacturer	MERCOR DUNAMENTI Zrt. 2131 Göd, Nemeskéri Kiss Miklós utca 39.
5. Authorised representative	Not applicable

6. System or systems of Assessment and Verification of Constancy of Performance (AVCP)	SYSTEM (1) See table under section 9.			
7. The construction product is not covered by a harmonised standard (hEN)				
8. The declaration of performance concerns construction product for which a European Technical Approval has been issued	For the fire protective product POLYLACK ELASTIC ETA's have been issued by Instytut Techniki Budowlanej (ITB, Poland) with No. ETA-18/0169 of 30/09/2021 and No. ETA-18/0170 of 27/03/2020 ETA's have been issued according to the EAD 350454-00-1104 and the EAD 350141-00-1106			
	Notified product certification bodys: ITB No. 1488 Certificate of Constancy of Performances: 1488-CPR-0701/W, 1488-CPR-0679/W			
9. Declared performance				
	Essential characteristics	AVCP systems	Performance	Harmonised technical specification
	Mechanical resistance and stability (BWR 1)	Not applicable		
	Safety in case of fire (BWR 2)			
	Reaction to fire	1	Class E	ETA-18/0169 of 30/09/2021 EAD 350454-00-1104 ETA-18/0170 of 27/03/2020 EAD 350141-00-1106

	Resistance to fire	1	<p style="text-align: center;">Annex C of ETA-18/0169 of 27/09/2018</p> <p style="text-align: center;">Annex B of ETA-18/0170 of 22/06/2018</p> <p>This characteristic depends on the tested set. The performance of the product is determined and analysed according to the principles defined in EN 1366-3 and in EN 1366-4 provided by the manufacturer in accordance with the intended use in part 3 of this document.</p> <p>The classes of performance are established and declared in an assessment document in accordance with the applicable part of EN 13501.</p>	<p style="text-align: center;">ETA-18/0169 of 30/09/2021</p> <p style="text-align: center;">ETA-18/0170 of 27/03/2020</p>																																																										
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	Air permeability	1	<p><u>Seal edge leakage:</u></p> <table border="1" data-bbox="794 1097 1177 1478"> <thead> <tr> <th rowspan="2">Pressure differential, Pa</th> <th colspan="2">Leakage rate m³/h-m</th> </tr> <tr> <th>Positive chamber pressure</th> <th>Negative chamber pressure</th> </tr> </thead> <tbody> <tr><td>50</td><td>0,39</td><td>0,19</td></tr> <tr><td>100</td><td>0,78</td><td>0,29</td></tr> <tr><td>150</td><td>1,03</td><td>0,68</td></tr> <tr><td>200</td><td>2,24</td><td>1,88</td></tr> <tr><td>250</td><td>2,76</td><td>2,20</td></tr> <tr><td>300</td><td>3,15</td><td>2,73</td></tr> <tr><td>450</td><td>4,01</td><td>3,70</td></tr> <tr><td>600</td><td>5,46</td><td>4,97</td></tr> </tbody> </table> <p><u>Seal material permeability:</u></p> <table border="1" data-bbox="794 1545 1177 1926"> <thead> <tr> <th rowspan="2">Pressure differential, Pa</th> <th colspan="2">Leakage rate m³/h-m</th> </tr> <tr> <th>Positive chamber pressure</th> <th>Negative chamber pressure</th> </tr> </thead> <tbody> <tr><td>50</td><td>3,89</td><td>1,90</td></tr> <tr><td>100</td><td>7,83</td><td>2,92</td></tr> <tr><td>150</td><td>10,30</td><td>6,83</td></tr> <tr><td>200</td><td>22,40</td><td>18,84</td></tr> <tr><td>250</td><td>27,57</td><td>22,02</td></tr> <tr><td>300</td><td>31,46</td><td>27,28</td></tr> <tr><td>450</td><td>40,14</td><td>36,97</td></tr> <tr><td>600</td><td>54,57</td><td>49,68</td></tr> </tbody> </table>	Pressure differential, Pa	Leakage rate m ³ /h-m		Positive chamber pressure	Negative chamber pressure	50	0,39	0,19	100	0,78	0,29	150	1,03	0,68	200	2,24	1,88	250	2,76	2,20	300	3,15	2,73	450	4,01	3,70	600	5,46	4,97	Pressure differential, Pa	Leakage rate m ³ /h-m		Positive chamber pressure	Negative chamber pressure	50	3,89	1,90	100	7,83	2,92	150	10,30	6,83	200	22,40	18,84	250	27,57	22,02	300	31,46	27,28	450	40,14	36,97	600	54,57	49,68	<p style="text-align: center;">ETA-18/0170 of 27/03/2020</p>
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	Release of dangerous substance	1	<p>The applicant has submitted a written declaration that the products and/or constituents of the products contain no substances which have been classified as a dangerous according to EOTA TR 34. Regarding the dangerous substances, there may be requirements applicable to the products falling within its scope (e.g. transposed European legislation and national laws, regulations and administrative provisions).</p> <p>In order to meet the provision of the Construction Products Regulation, these requirements need also to be complied with when and where they apply.</p>	<p>ETA-18/0169 of 30/09/2021 EAD 350454- 00-1104</p> <p>ETA-18/0170 of 27/03/2020 EAD 350141- 00-1106</p>
Safety and accessibility in use (BWR 4)				
	Mechanical resistance and stability:	1	Covered by tests carried out for the assessment of resistance to impact/ movement	
	Resistance to impact and movement:	1	<p><u>Safety in use:</u></p> <ul style="list-style-type: none"> - 1,0 kg hard body impact energy: 10 Nm - 50 kg soft body impact energy: 100 Nm <p><u>Serviceability:</u></p> <ul style="list-style-type: none"> - 0,5 kg hard body impact energy: 6 Nm - 50 kg soft body impact energy: 400 Nm <p><u>Dimensions:</u> Maximum permitted joint/ gap width: 100 mm</p>	<p>ETA-18/0170 of 27/03/2020 EAD 350141- 00-1106</p>
	Adhesion:	1	Covered by tests carried out for the assessment of resistance to impact/ movement	
	Basic durability assessment:	1	Use category: Type Z ₁	<p>ETA-18/0169 of 30/09/2021 and EAD 350454- 00-1104</p> <p>ETA-18/0170 of 27/03/2020 EAD 350141- 00-1106</p>

Movement capability	1	No performance assessed (non-movement joints)	ETA-18/0170 of 27/03/2020 EAD 350141- 00-1106
Protection against noise (BWR 5)			
Airborne sound insulation:	-	NPD (No Performance Declared)	
Energy Economy and Heat Retention (BWR 6)			
Thermal conductivity:	-	NPD (No Performance Declared)	
Water vapour permeability	-	NPD (No Performance Declared)	

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

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:

Tibor Sebestyén
Executive Director

Göd, 19. October 2023.

DECLARATION OF PERFORMANCE



BASED ON THE DECREE NO. 305/2011 OF EUROPEAN PARLIAMENT AND OF THE COUNCIL

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	Notified product certification bodys: ITB No. 1488 and FIRES No. 1396 Certificate of Constancy of Performances: 1488-CPR-0679/W and 1396-CPR-0160			
9. Declared performance				
	Essential characteristics	AVCP systems	Performance	Harmonised technical specification
	Mechanical resistance and stability (BWR 1)	Not applicable		
	Safety in case of fire (BWR 2)			
	Reaction to fire	1	Annex C Class E	ETA-19/0321 of 26/08/2019 EAD 350454- 00-1104 ETA-18/0170 of 27/03/2020 EAD 350141- 00-1106

	Resistance to fire	1	<p style="text-align: center;">Annex B of ETA-18/0170 of 22/06/2018</p> <p style="text-align: center;">Annex D of ETA-19/0321 of 26/08/2019</p> <p>This characteristic depends on the tested set. The performance of the product is determined and analysed according to the principles defined in EN 1366-3 and in EN 1366-4 provided by the manufacturer in accordance with the intended use in part 3 of this document.</p> <p>The classes of performance are established and declared in an assessment document in accordance with the applicable part of EN 13501.</p>	<p style="text-align: center;">ETA-18/0170 of 27/03/2020</p> <p style="text-align: center;">ETA-19/0321 of 26/08/2019</p>																																																										
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Safety and accessibility in use (BWR 4)				
	Mechanical resistance and stability:	1	Covered by tests carried out for the assessment of resistance to impact/ movement	
	Resistance to impact and movement:	1	<p><u>Safety in use:</u></p> <ul style="list-style-type: none"> - 1,0 kg hard body impact energy: 10 Nm - 50 kg soft body impact energy: 100 Nm <p><u>Serviceability:</u></p> <ul style="list-style-type: none"> - 0,5 kg hard body impact energy: 6 Nm - 50 kg soft body impact energy: 400 Nm <p><u>Dimensions:</u> Maximum permitted joint/ gap width: 100 mm</p>	<p>ETA-18/0170 of 27/03/2020 EAD 350141- 00-1106</p>
	Adhesion:	1	Covered by tests carried out for the assessment of resistance to impact/ movement	
	Basic durability assessment:	1	Use category: Type Z ₁	<p>ETA-19/0321 of 26/08/2019 EAD 350454- 00-1104</p> <p>ETA-18/0170 of 27/03/2020 EAD 350141- 00-1106</p>

Movement capability	1	No performance assessed (non-movement joints)	ETA-18/0170 of 27/03/2020 EAD 350141- 00-1106
Protection against noise (BWR 5)			
Airborne sound insulation:	-	NPD (No Performance Declared)	
Energy Economy and Heat Retention (BWR 6)			
Thermal conductivity:	-	NPD (No Performance Declared)	
Water vapour permeability	-	NPD (No Performance Declared)	

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