

## DECLARATION OF PERFORMANCE

In accordance with annex III of Regulation (EU) № 305/2011

**№ 079**

1. Unique identification code of the product-type:

**HYDROZOL<sup>®</sup> HBM PRO (SBS-PE)**

**EN 13 969 +A1:2006; EN 13 707 +A2:2009**

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

**production date on the package**

2. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

**hydro insulation membrane from SBS - Premium modified bitumen reinforced with polyester, with high elasticity, flexibility and tensile strength in wide operating temperature range : from – 25<sup>0</sup>C to +100<sup>0</sup>C**

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

**MARISAN & KOLEV Ltd**

**Ruse - 7009, East Industrial Zone, 15 Kalna Dere Str.**

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

**Not applicable**

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

**Assessment compliance system: 2+**

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

**Notified Party for the assessment of compliance of construction products - Institute Of Testing and Certification – Czech Republic with Identity number NB 1023 of the European Commission conducted type testing under system 2+ and issued Type testing report № 753501076/ 2014.**

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued : **Not applicable**

9. Declaration of performance:

Essential characteristics	Performance	Harmonized technical specification
Reaction to fire	Class F	EN 13501 – 5 EN 1187
Tensile strength - longitudinally - transversal	(700 ±100) N/50 mm (500 ±100) N/50 mm	EN 12311 - 1
Elongation - longitudinal - transversal	[50±25] % [50±25] %	EN 12311 - 1
Resistance to impact	h≥500 mm	EN 12691 Method A
Resistance to static loading	≥20 kg	EN 12730 Method A
Nail shank tear resistance - longitudinal transversal	(180 ±50) N (180 ±50) N	EN 12310 - 1
Dimensional stability	< 0,6 %	EN 1107 - 1
Cold flexibility	< -25 <sup>0</sup> C	EN 1109
Flow resistance at elevated temperature	≥ +100 <sup>0</sup> C	EN 1110
Water tightness	300 kPa	EN 1928
Water vapour transmission properties	μ= 20000	EN 1931
Properties after artificial aging	-	EN 1296

<p>Properties after artificial aging caused by elevated temperature</p> <ul style="list-style-type: none"> <li>- Flow resistance at elevated temperature 2h – upper face and lower face</li> <li>- Cold flexibility</li> </ul>	<p><math>(+100\pm 5)^{\circ}\text{C}</math> <math>(-25\pm 5)^{\circ}\text{C}</math></p>	<p>EN 1110 EN 1109</p>
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Where pursuant to Article 37 or 38 the Specific Technical Documentation has been used, the requirements with which the product complies:

**Not applicable**

10. 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: MARISAN & KOLEV Ltd.

Signed for and on behalf of the manufacturer:

**Ruse**  
**28.03.2015**

**General Manager:**  
**/St. Kolev/**

