ISO 9001 ISO 14001 ISO 45001

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iZOBUD®

EXPERT IN MANUFACTURING BITUMEN MEMBRANES

DECLARATION OF PERFORMANCE
No 1/I/2023

1. Name and trade name of the construction product:
   Waterproofing in sheets, torch-on, bituminous, polymer-bitumen based, for use under bridge surfaces
   Torch-on membrane IZOBIT MOST
2. Type designation of the construction product: ***Torch-on membrane IZOBIT MOST***
3. Intended use or uses:
   Torch-on membrane IZOBIT MOST is intended for use in traffic construction, for waterproofing of concrete, reinforced and prestressed concrete bridge decks engineering structures.
4. Name and address of the manufacturer and place of production::
   Izobud Sp. z o.o., ul. Leśna 4, Łąki Kozielskie, 47-150 Leśnica, Poland
5. Name and address of the authorized representative (if applicable):
   Not applicable
6. National system applied for assessment and verification of constancy of performance:
   System 2+
7. National technical specification:
   7a. Polish product standard: **Not applicable**
   7b. National technical assessment: **National Technical Assessment No. IBDiM–KOT–2018/0236, edition 3, Waterproofing in sheets, torch-on, bituminous, polymer-bitumen based, for use under bridge surfaces, Torch-on membrane IZOBIT MOST**
   Technical assessment body / National technical assessment body:
   Road and Bridge Research Institute, str. Instytutowa 1, 03-302 Warsaw
   Name of the accredited certification body, accreditation number, and certificate number:
   Polish Center for Testing and Certification S.A., Accreditation Number: AC 013, Certificate No. 013-UWB-015
8. Declared performance properties:

Essential characteristics of the construction product for the intended use or uses		***Declared performance properties***	***Comments***
Sheet thickness		≥5,0 mm	
Thickness of the insulation layer under the reinforcement		≥3,0 mm	
Flexibility, tested on a Ø 30 mm roller		≤- 20°C	
Permeability		≥ 0,8 MPa	
Water absorption		≤ 0,5 % (m/m)	
Tensile force [1)]	longitudinal	≥ 1000 N	
	transverse	≥ 800 N	
Elongation at break [1)]	longitudinal	≥ 40 %	
	transverse	≥ 45 %	
Tear resistance [2)]	longitudinal	≥ 250 N	
	transverse	≥ 150 N	
Breaking strength of sheet joints		≥ 500 N	
Adhesion to the substrate tested using the "pull-off" method [2)]		≥ 0,5 MPa	
Shear strength [3)]		≥ 0,2 MPa	
Resistance to elevated temperature, 100°C, 2 h		≥ 100°C	
Polymer-bitumen mass melted from Izobit Most torch-on membrane:			
Softening point by R&B method, elastomer-bitumen (SBS)		≥ 90°C	
Breaking point (Fraass method)		≤ -20°C	

[1)] The test should be performed at a temperature of (23 ± 2) °C.
[2)] The test should be performed at a temperature of (20 ± 2) °C.
[3)] Izobit Most torch-on membrane laid on a primed concrete substrate (with bituminous or resin-based primer) with a layer of poured asphalt; shear at an angle of 15°

9. The performance characteristics of the product specified above are in conformity with all the declared performance characteristics listed in point 8. This national declaration of performance is issued in accordance with the Act of 16 April 2004 on construction products, under the sole responsibility of the manufacturer.

In the name of the producer signed by:
Mr. Joachim Sekler

Łąki Kozielskie, 17.11.2023