

# HydroSeal Monoflex

## High Performance Construction Joint Sealing



# DECLARATION OF PERFORMANCE

According to Annex III of the Regulation (EU) No. 305/2011

## 1. UNIQUE IDENTIFICATION CODES OF THE PRODUCT TYPE:

JST-O Monoflex 1mm

## 2. TYPE, BATCH OR SERIAL NUMBER OR ANY OTHER ELEMENT ALLOWING IDENTIFICATION OF THE CONSTRUCTION PRODUCT AS REQUIRED PURSUANT TO ARTICLE 11(4)

Serial number: look into the cardboard core of the product.

## 3. INTENDED USE OR USES OF THE CONSTRUCTION PRODUCT, IN ACCORDANCE WITH THE APPLICABLE HARMONISED TECHNICAL SPECIFICATION, AS FORESEEN BY THE MANUFACTURER:

Synthetic waterproofing membrane consists of flexible Polyolefine (FPO) according to DIN-EN 13967 for waterproofing of buildings. Moisture barrier: Type A. Groundwater barrier: Type T.

## 4. NAME, REGISTERED TRADE NAME OR REGISTERED TRADE MARK AND CONTACT ADDRESS OF THE MANUFACTURER AS REQUIRED PURSUANT TO ARTICLE 11(5):

Gebrüder Jaeger GmbH  
Otto-Hahn-Straße 7  
D-42369 Wuppertal  
Germany

## 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:

System 2+

## 7. IN CASE OF THE DECLARATION OF PERFORMANCE CONCERNING A CONSTRUCTION PRODUCT COVERED BY A HARMONISED STANDARD:

The notified body No. 0761 performed the initial inspection of factory and of factory product control and the continuous assessment, surveillance and evaluation of factory production control. The notified body issued the certificate of conformity of the factory production control (0761-CPR-0514)

### 8. IN CASE OF THE DECLARATION OF PERFORMANCE CONCERNING A CONSTRUCTION PRODUCT FOR WHICH A EUROPEAN TECHNICAL ASSESSMENT HAS BEEN ISSUED:

Not relevant.

### 9. DECLARED PERFORMANCE:

Properties/Test in accordance with DIN EN 13967	Test conditions	Type of test results	Determination
Length	DIN EN 1848-2	MDV	-0 m / +0.2 m
Width	DIN EN 1848-2	MDV	± 2 mm
Thickness (waterproofing membrane)	DIN EN 1849-2	MDV	1 mm ± 0.1 mm
Straightness	DIN EN 1848-2	Less or equal 75 mm / 10 m	Passed
Mass per unit area	DIN EN 1849-2	MDV	x = 930 g/m <sup>2</sup> ± 50 g/m <sup>2</sup>
Visible defects	DIN EN 1850-2	Free of visible defects	Free of visible defects
Water tightness - 60kPa / 24h	DIN EN 1928-A	Passed	Passed
Water tightness - 400kPa / 72h	DIN EN 1928-B	Passed	Passed
Resistance to impact A: Alu plate Resistance to impact B: EPS panel	DIN EN 12691	MLV	≤ 250 mm ≤ 1500 mm
Durability of water tightness against thermal ageing	DIN EN 1296 DIN EN 1928-A 60 kPa / 24 Std.	Passed	Passed
Durability of water tightness against chemicals	DIN EN 1847 DIN EN 1928-A 60 kPa / 24 Std.	Passed	Passed
Compatibility with bitumen Water tightness	DIN EN 1548 DIN EN 1928-A 60 kPa / 24 Std.	Passed	Passed
Tear resistance (Nail shank)	DIN EN 12310-1	MLV	Longitudinal: ≥ 200 N Lateral: ≥ 200 N
Shear resistance of the joint seams	DIN EN 12317-2	MLV	≥ 300 N / 50 mm
Water vapour permeability - SD-Value	DIN EN 1931 Method B	MDV	g = 6.80 · 10 <sup>-9</sup> kg / (m <sup>2</sup> s) ± 30% 60 m ± 20 m
Resistance to static loads	DIN EN 12730 Method A: EPS Panel Method B: Substrate concrete	MLV	≥ 20 kg ≥ 20 kg
Tensile properties	DIN EN 12311-2 Method B	MLV	Longitudinal: ≥ 12.5 N/mm <sup>2</sup> Lateral: ≥ 12.5 N/mm <sup>2</sup> Longitudinal: ≥ 500% Lateral: ≥ 500%
Reaction to fire	EN 13501-1	Euro Class	Class E

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### 10. DECLARATION:

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:

Name: Warren Muschialli - Managing Director

At: Newton Waterproofing Systems  
Newton House, 17-20 Sovereign Way  
Tonbridge, Kent, TN9 1RH

On: 21st August 2015



 15		Newton Waterproofing Systems Newton House 17-20 Sovereign Way Tonbridge Kent TN9 1RH	JST-O Monoflex 1mm DIN EN 13967 Synthetic waterproofing membrane consists of flexible Polyolefine (FPO) according to DIN-EN 13967 for waterproofing of buildings.
<b>Essential characteristics to DIN EN 13967</b>	<b>Performance</b>	<b>Harmonised Technical Specification</b>	
Length	-0 m / +0.2 m	DIN EN 13967	
Width	± 2 mm		
Thickness (waterproofing membrane)	1 mm ± 0.1 mm		
Straightness	Passed		
Mass per unit area	x = 930 g/m <sup>2</sup> ± 50 g/m <sup>2</sup>		
Visible defects	Free of visible defects		
Water tightness - 60kPa / 24h Water tightness - 400kPa / 72h	Passed Passed		
Resistance to impact A: Alu plate Resistance to impact B: EPS panel	≤ 250 mm ≤ 1500 mm		
Durability of water tightness against thermal ageing	Passed		
Durability of water tightness against chemicals	Passed		
Compatibility with bitumen Water tightness	Passed		
Tear resistance (Nail shank)	Longitudinal: ≥ 200 N Lateral: ≥ 200 N		
Shear resistance of the joint seams	≥ 300 N / 50 mm		
Water vapour permeability - SD-Value	g = 6.80 · 10 <sup>-9</sup> kg / (m <sup>2</sup> s) ± 30% 60 m ± 20 m		
Resistance to static loads Method A: EPS panel Resistance to static loads Method B: Substrate concrete	≥ 20 kg ≥ 20 kg		
Tensile properties	Longitudinal: ≥ 12.5 N/mm <sup>2</sup> Lateral: ≥ 12.5 N/mm <sup>2</sup> Longitudinal: ≥ 500% Lateral: ≥ 500%		
Reaction to fire	Class E		

Newton Waterproofing Systems reserve the right to update product literature at any time. Please always refer to our [website](#) for the latest versions.