

# CLASSIFICATION OF PROPERTIES MLTB-2745-2018-IB



Notified body NB 2189

for Initial Type Testing (ITT) consistent with the norm PN-EN 14351-1+A2:2016  
Assessment of the performance of the product on the basis of testing/ calculations

Company: **PRZEDSIĘBIORSTWO  
PRODUKCYNNO-USŁUGOWO-HANDLOWE  
Dariusz Malec**  
ul. Królowej Jadwigi 13 E, 78-200 Białogard

Product: fixed glazing (1,23 x 1,48 m), glass 4/12/4/12/4; main profiles: pine wood

System:

**SKANDINOVA 68 (WINDOWS)**

Test results are included in the following test reports registered under the number of the request MLTB-2745-2018



Test methods:

Thermal permeability  
PN-EN ISO 10077-1

Classification standards		PN-EN 14351-1+A2
Product type (B x H mm)		dimension 1230 x 1480
		Uw  <b>0.99</b>  W/m <sup>2</sup> K
Notes: Calculations for glass 4/12/4/12/4, Ug=0.7 W/(m <sup>2</sup> K) with aluminum spacer of the glass edge.		

**Mobilne Laboratorium Techniki Budowlanej Sp. z o. o.**

- 1) assessment of the performance of the product made by *Head of Laboratory Mścichowski Adam*
- 2) tests made by *Specialist for calculations Rostkowska Danuta*

19-03-2018, Wałbrzych

Initial Type Testing (ITT) remain valid until, if there is not change in the construction of window and external pedestrian doorset, the raw material or supplier of the components, or the production proces, which would affect significantly one or more of the characteristics. Consistently with PN-EN 14351-1+A2:2016 point 7.5 Continuous surveillance, assessment and approval of FPC, the producer should carry out FCP assessment together with current and quality control inspections of a product at least once a year. The inspections conducted in accordance with the inspection plan should confirm that the manufactured products have the same properties as the products subject to ITT.



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Notyfikowana jednostka  
(notified body) NB 2189

# CLASSIFICATION OF PROPERTIES MLTB-2745-2018-ID



Notified body NB 2189

for Initial Type Testing (ITT) consistent with the norm PN-EN 14351-1+A2:2016  
Assessment of the performance of the product on the basis of testing/ calculations

Company: **PRZEDSIĘBIORSTWO  
PRODUKCYJNO-USŁUGOWO-HANDLOWE  
Dariusz Malec**  
ul. Królowej Jadwigi 13 E, 78-200 Białogard

Product: single window (1,23 x 1,48 m), glass 4/12/4/12/4; main profiles: pine wood

System:

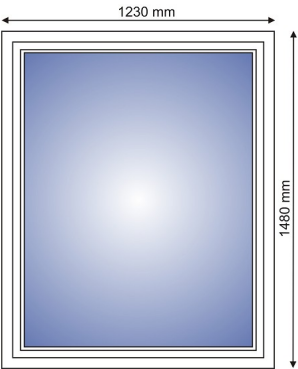
**SKANDINOVA 68 (WINDOWS)**

Test results are included in the following test reports registered under the number of the request MLTB-2745-2018



Test methods:

Thermal permeability  
PN-EN ISO 10077-1

Classification standards		PN-EN 14351-1+A2
Product type (B x H mm)		dimension 1230 x 1480
		Uw  <b>1.1</b>  W/m <sup>2</sup> K
Notes: Calculations for glass 4/12/4/12/4, Ug=0.7 W/(m <sup>2</sup> K) with aluminum spacer of the glass edge.		

## Mobilne Laboratorium Techniki Budowlanej Sp. z o. o.

- 1) assessment of the performance of the product made by *Head of Laboratory Mścichowski Adam*
- 2) tests made by *Specialist for calculations Rostkowska Danuta*

19-03-2018, Wałbrzych

Initial Type Testing (ITT) remain valid until, if there is not change in the construction of window and external pedestrian doorset, the raw material or supplier of the components, or the production proces, which would affect significantly one or more of the characteristics. Consistently with PN-EN 14351-1+A2:2016 point 7.5 Continuous surveillance, assessment and approval of FPC, the producer should carry out FCP assessment together with current and quality control inspections of a product at least once a year. The inspections conducted in accordance with the inspection plan should confirm that the manufactured products have the same properties as the products subject to ITT.



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# CLASSIFICATION OF PROPERTIES MLTB-2745-2018-IJ



Notified body NB 2189

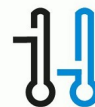
for Initial Type Testing (ITT) consistent with the norm PN-EN 14351-1+A2:2016  
Assessment of the performance of the product on the basis of testing/ calculations

Company: **PRZEDSIĘBIORSTWO  
PRODUKCYJNO-USŁUGOWO-HANDLOWE  
Dariusz Malec**  
ul. Królowej Jadwigi 13 E, 78-200 Białogard

Product: double-row window with two leaves (1,23 x 1,48 m), glass 4/12/4/12/4; main profiles: pine wood  
System:

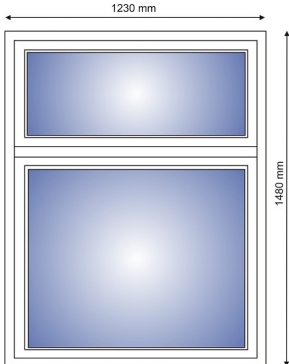
## SKANDINOVA 68 (WINDOWS)

Test results are included in the following test reports registered under the number of the request MLTB-2745-2018



Test methods:

Thermal permeability  
PN-EN ISO 10077-1

Classification standards		PN-EN 14351-1+A2
Product type (B x H mm)		dimension 1230 x 1480
		Uw
		<b>1.2</b>
		W/m²K
Notes: Calculations for glass 4/12/4/12/4, Ug=0.7 W/(m²K) with aluminum spacer of the glass edge.		

### Mobilne Laboratorium Techniki Budowlanej Sp. z o. o.

- 1) assessment of the performance of the product made by *Head of Laboratory Mścichowski Adam*
- 2) tests made by *Specialist for calculations Rostkowska Danuta*

19-03-2018, Wałbrzych

Initial Type Testing (ITT) remain valid until, if there is not change in the construction of window and external pedestrian doorset, the raw material or supplier of the components, or the production proces, which would affect significantly one or more of the characteristics. Consistently with PN-EN 14351-1+A2:2016 point 7.5 Continuous surveillance, assessment and approval of FPC, the producer should carry out FCP assessment together with current and quality control inspections of a product at least once a year. The inspections conducted in accordance with the inspection plan should confirm that the manufactured products have the same properties as the products subject to ITT.



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# CLASSIFICATION OF PROPERTIES MLTB-2745-2018-IF



Notified body NB 2189

for Initial Type Testing (ITT) consistent with the norm PN-EN 14351-1+A2:2016  
Assessment of the performance of the product on the basis of testing/ calculations

Company: **PRZEDSIĘBIORSTWO  
PRODUKCYJNO-USŁUGOWO-HANDLOWE  
Dariusz Malec**  
ul. Królowej Jadwigi 13 E, 78-200 Białogard

Product: double leaf window with mullion (1,23 x 1,48 m), glass 4/12/4/12/4; main profiles: pine wood  
System:

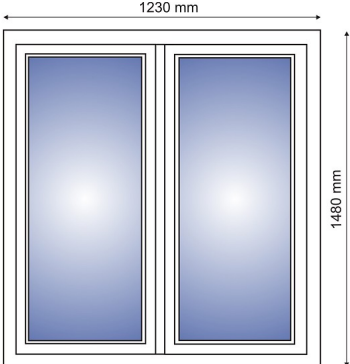
## SKANDINOVA 68 (WINDOWS)

Test results are included in the following test reports registered under the number of the request MLTB-2745-2018



Test methods:

Thermal permeability  
PN-EN ISO 10077-1

Classification standards		PN-EN 14351-1+A2
Product type (B x H mm)		dimension 1230 x 1480
		U <sub>w</sub>
		<b>1.2</b>
		W/m <sup>2</sup> K
Notes: Calculations for glass 4/12/4/12/4, U <sub>g</sub> =0.7 W/(m <sup>2</sup> K) with aluminum spacer of the glass edge.		

### Mobilne Laboratorium Techniki Budowlanej Sp. z o. o.

- 1) assessment of the performance of the product made by *Head of Laboratory Mścichowski Adam*
- 2) tests made by *Specialist for calculations Rostkowska Danuta*

19-03-2018, Wałbrzych

Initial Type Testing (ITT) remain valid until, if there is not change in the construction of window and external pedestrian doorset, the raw material or supplier of the components, or the production proces, which would affect significantly one or more of the characteristics. Consistently with PN-EN 14351-1+A2:2016 point 7.5 Continuous surveillance, assessment and approval of FPC, the producer should carry out FCP assessment together with current and quality control inspections of a product at least once a year. The inspections conducted in accordance with the inspection plan should confirm that the manufactured products have the same properties as the products subject to ITT.



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# CLASSIFICATION OF PROPERTIES MLTB-2745-2018-IL



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Assessment of the performance of the product on the basis of testing/ calculations

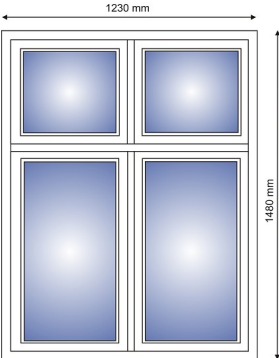
Company: **PRZEDSIĘBIORSTWO  
PRODUKCYNNO-USŁUGOWO-HANDLOWE  
Dariusz Malec**  
ul. Królowej Jadwigi 13 E, 78-200 Białogard

Product: double-row window with four leaves (1,23 X 1,48 m), glass 4/12/4/12/4; main profiles: pine wood  
System: **SKANDINOVA 68 (WINDOWS)**  
Test results are included in the following test reports registered under the number of the request MLTB-2745-2018



Test methods:

Thermal permeability  
PN-EN ISO 10077-1

Classification standards		PN-EN 14351-1+A2
Product type (B x H mm)		dimension 1230 x 1480
		U <sub>w</sub>
		<b>1.4</b>
		W/m <sup>2</sup> K
Notes: Calculations for glass 4/12/4/12/4, U <sub>g</sub> =0.7 W/(m <sup>2</sup> K) with aluminum spacer of the glass edge.		

## Mobilne Laboratorium Techniki Budowlanej Sp. z o. o.

- 1) assessment of the performance of the product made by *Head of Laboratory Mścichowski Adam*
- 2) tests made by *Specialist for calculations Rostkowska Danuta*

19-03-2018, Wałbrzych

Initial Type Testing (ITT) remain valid until, if there is not change in the construction of window and external pedestrian doorset, the raw material or supplier of the components, or the production proces, which would affect significantly one or more of the characteristics. Consistently with PN-EN 14351-1+A2:2016 point 7.5 Continuous surveillance, assessment and approval of FPC, the producer should carry out FCP assessment together with current and quality control inspections of a product at least once a year. The inspections conducted in accordance with the inspection plan should confirm that the manufactured products have the same properties as the products subject to ITT.



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# CLASSIFICATION OF PROPERTIES MLTB-2745-2018-IH



Notified body NB 2189

for Initial Type Testing (ITT) consistent with the norm PN-EN 14351-1+A2:2016  
Assessment of the performance of the product on the basis of testing/ calculations

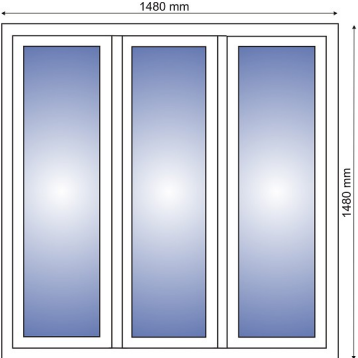
Company: **PRZEDSIĘBIORSTWO  
PRODUKCYNNO-USŁUGOWO-HANDLOWE  
Dariusz Malec**  
ul. Królowej Jadwigi 13 E, 78-200 Białogard

Product: three-leaves window with mullions (1,48 x 1,48 m), glass 4/12/4/12/4; main profiles: pine wood  
System: **SKANDINOVA 68 (WINDOWS)**  
Test results are included in the following test reports registered under the number of the request MLTB-2745-2018



Test methods:

Thermal permeability  
PN-EN ISO 10077-1

Classification standards		PN-EN 14351-1+A2
Product type (B x H mm)		dimension 1480 x 1480
		Uw
		<b>1.3</b>
		W/m²K
Notes: Calculations for glass 4/12/4/12/4, Ug=0.7 W/(m2K) with aluminum spacer of the glass edge.		

## Mobilne Laboratorium Techniki Budowlanej Sp. z o. o.

- 1) assessment of the performance of the product made by *Head of Laboratory Mścichowski Adam*
- 2) tests made by *Specialist for calculations Rostkowska Danuta*

19-03-2018, Wałbrzych

Initial Type Testing (ITT) remain valid until, if there is not change in the construction of window and external pedestrian doorset, the raw material or supplier of the components, or the production proces, which would affect significantly one or more of the characteristics. Consistently with PN-EN 14351-1+A2:2016 point 7.5 Continuous surveillance, assessment and approval of FPC, the producer should carry out FCP assessment together with current and quality control inspections of a product at least once a year. The inspections conducted in accordance with the inspection plan should confirm that the manufactured products have the same properties as the products subject to ITT.



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Notyfikowana jednostka  
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# CLASSIFICATION OF PROPERTIES MLTB-2745-2018-IN



Notified body NB 2189

for Initial Type Testing (ITT) consistent with the norm PN-EN 14351-1+A2:2016  
Assessment of the performance of the product on the basis of testing/ calculations

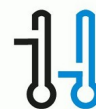
Company: **PRZEDSIĘBIORSTWO  
PRODUKCYJNO-USŁUGOWO-HANDLOWE  
Dariusz Malec**  
ul. Królowej Jadwigi 13 E, 78-200 Białogard

Product: single leaf casement door (1,23 x 1,48 m), glass 4/12/4/12/4; main profiles: pine wood

System:

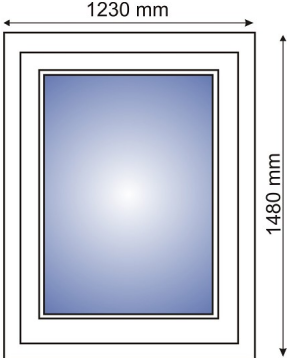
**SKANDINOVA 68 (WINDOWS)**

Test results are included in the following test reports registered under the number of the request MLTB-2745-2018



Test methods:

Thermal permeability  
PN-EN ISO 10077-1

Classification standards		PN-EN 14351-1+A2
Product type (B x H mm)		dimension 1230 x 1480
		U <sub>w</sub>
		<b>1.1</b>
		W/m <sup>2</sup> K
Notes: Calculations for glass 4/12/4/12/4, U <sub>g</sub> =0.7 W/(m <sup>2</sup> K) with aluminum spacer of the glass edge.		

## Mobilne Laboratorium Techniki Budowlanej Sp. z o. o.

- 1) assessment of the performance of the product made by *Head of Laboratory Mścichowski Adam*
- 2) tests made by *Specialist for calculations Rostkowska Danuta*

19-03-2018, Wałbrzych

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# CLASSIFICATION OF PROPERTIES MLTB-2745-2018-IP



Notified body NB 2189

for Initial Type Testing (ITT) consistent with the norm PN-EN 14351-1+A2:2016  
Assessment of the performance of the product on the basis of testing/ calculations

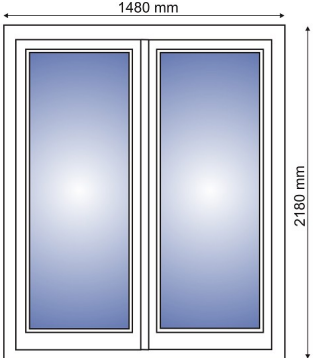
Company: **PRZEDSIĘBIORSTWO  
PRODUKCYJNO-USŁUGOWO-HANDLOWE  
Dariusz Malec**  
ul. Królowej Jadwigi 13 E, 78-200 Białogard

Product: double leaf casement door (1,48 x 2,18 m), glass 4/12/4/12/4; main profiles: pine wood  
System: **SKANDINOVA 68 (WINDOWS)**  
Test results are included in the following test reports registered under the number of the request MLTB-2745-2018



Test methods:

Thermal permeability  
PN-EN ISO 10077-1

Classification standards		PN-EN 14351-1+A2
Product type (B x H mm)		dimension 1480 x 2180
		U <sub>w</sub>
		<b>1.2</b>
		W/m <sup>2</sup> K
Notes: Calculations for glass 4/12/4/12/4, U <sub>g</sub> =0.7 W/(m <sup>2</sup> K) with aluminum spacer of the glass edge.		

## Mobilne Laboratorium Techniki Budowlanej Sp. z o. o.

- 1) assessment of the performance of the product made by *Head of Laboratory Mścichowski Adam*
- 2) tests made by *Specialist for calculations Rostkowska Danuta*

19-03-2018, Wałbrzych

Initial Type Testing (ITT) remain valid until, if there is not change in the construction of window and external pedestrian doorset, the raw material or supplier of the components, or the production proces, which would affect significantly one or more of the characteristics. Consistently with PN-EN 14351-1+A2:2016 point 7.5 Continuous surveillance, assessment and approval of FPC, the producer should carry out FCP assessment together with current and quality control inspections of a product at least once a year. The inspections conducted in accordance with the inspection plan should confirm that the manufactured products have the same properties as the products subject to ITT.



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Notyfikowana jednostka  
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# CLASSIFICATION OF PROPERTIES MLTB-2745-2018-IS



Notified body NB 2189

for Initial Type Testing (ITT) consistent with the norm PN-EN 14351-1+A2:2016  
Assessment of the performance of the product on the basis of testing/ calculations

Company: **PRZEDSIĘBIORSTWO  
PRODUKCYNNO-USŁUGOWO-HANDLOWE  
Dariusz Malec**  
ul. Królowej Jadwigi 13 E, 78-200 Białogard

Product: double-row casement door with four leaves (1,48 x 2,18 m), glass 4/12/4/12/4; main profiles:  
pine wood

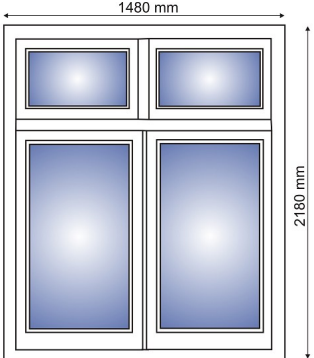
System:  
**SKANDINOVA 68 (WINDOWS)**

Test results are included in the following test reports registered under the number of the request MLTB-2745-2018



Test methods:

Thermal permeability  
PN-EN ISO 10077-1

Classification standards		PN-EN 14351-1+A2
Product type (B x H mm)		dimension 1480 x 2180
		Uw
		<b>1.3</b>
		W/m²K
Notes: Calculations for glass 4/12/4/12/4, Ug=0.7 W/(m²K) with aluminum spacer of the glass edge.		

## Mobilne Laboratorium Techniki Budowlanej Sp. z o. o.

- 1) assessment of the performance of the product made by *Head of Laboratory Mścichowski Adam*  
2) tests made by *Specialist for calculations Rostkowska Danuta*

19-03-2018, Wałbrzych

Initial Type Testing (ITT) remain valid until, if there is not change in the construction of window and external pedestrian doorset, the raw material or supplier of the components, or the production proces, which would affect significantly one or more of the characteristics. Consistently with PN-EN 14351-1+A2:2016 point 7.5 Continuous surveillance, assessment and approval of FPC, the producer should carry out FCP assessment together with current and quality control inspections of a product at least once a year. The inspections conducted in accordance with the inspection plan should confirm that the manufactured products have the same properties as the products subject to ITT.



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Notyfikowana jednostka  
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# CLASSIFICATION OF PROPERTIES MLTB-2746-2018-IB



Notified body NB 2189

for Initial Type Testing (ITT) consistent with the norm PN-EN 14351-1+A2:2016  
Assessment of the performance of the product on the basis of testing/ calculations

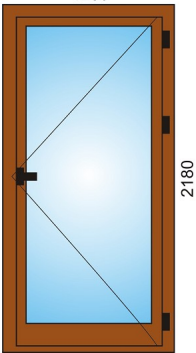
Company: **PRZEDSIĘBIORSTWO  
PRODUKCYJNO-USŁUGOWO-HANDLOWE  
Dariusz Malec**  
ul. Królowej Jadwigi 13 E, 78-200 Białogard

Product: Single leaf external door with glass (1,23 x 2,18 m), glass 4/12/4/12/4; main profiles: pine wood  
System: **SKANDINOVA 68 (DOORS)**  
Test results are included in the following test reports registered under the number of the request MLTB-2746-2018



Test methods:

Thermal permeability  
PN-EN ISO 10077-1

Classification standards		PN-EN 14351-1+A2
Product type (B x H mm)		dimension 1230 x 2180
		Ud
		<b>1.1</b>
		W/m²K
Notes: Calculations for glass 4/12/4/12/4, Ug=0.7 W/(m2K) with aluminum spacer of the glass edge.		

## Mobilne Laboratorium Techniki Budowlanej Sp. z o. o.

- 1) assessment of the performance of the product made by *Head of Laboratory Mścichowski Adam*
- 2) tests made by *Specialist for calculations Rostkowska Danuta*

22-03-2018, Wałbrzych

Initial Type Testing (ITT) remain valid until, if there is not change in the construction of window and external pedestrian doorset, the raw material or supplier of the components, or the production proces, which would affect significantly one or more of the characteristics. Consistently with PN-EN 14351-1+A2:2016 point 7.5 Continuous surveillance, assessment and approval of FPC, the producer should carry out FCP assessment together with current and quality control inspections of a product at least once a year. The inspections conducted in accordance with the inspection plan should confirm that the manufactured products have the same properties as the products subject to ITT.



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# CLASSIFICATION OF PROPERTIES MLTB-2746-2018-ID



Notified body NB 2189

for Initial Type Testing (ITT) consistent with the norm PN-EN 14351-1+A2:2016  
Assessment of the performance of the product on the basis of testing/ calculations


Company: **PRZEDSIĘBIORSTWO  
PRODUKCYNNO-USŁUGOWO-HANDLOWE  
Dariusz Malec**  
ul. Królowej Jadwigi 13 E, 78-200 Białogard

Product: Single leaf external door (1,23 x 2,18 m), panel 36 mm ; main profiles: pine wood  
System:  
**SKANDINOVA 68 (DOORS)**  
Test results are included in the following test reports registered under the number of the request MLTB-2746-2018



Test methods:

Thermal permeability  
PN-EN ISO 10077-1

Classification standards		PN-EN 14351-1+A2
Product type (B x H mm)		dimension 1230 x 2180
		Ud
		<b>1.1</b>
		W/m²K
Notes: Calculations for panel: pine 4mm/XPS 28mm/ pine 4mm, Up=0.97 W/(m²K).		

## Mobilne Laboratorium Techniki Budowlanej Sp. z o. o.

- 1) assessment of the performance of the product made by *Head of Laboratory Mścichowski Adam*
- 2) tests made by *Specialist for calculations Rostkowska Danuta*

22-03-2018, Wałbrzych

Initial Type Testing (ITT) remain valid until, if there is not change in the construction of window and external pedestrian doorset, the raw material or supplier of the components, or the production proces, which would affect significantly one or more of the characteristics. Consistently with PN-EN 14351-1+A2:2016 point 7.5 Continuous surveillance, assessment and approval of FPC, the producer should carry out FCP assessment together with current and quality control inspections of a product at least once a year. The inspections conducted in accordance with the inspection plan should confirm that the manufactured products have the same properties as the products subject to ITT.



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Notyfikowana jednostka  
(notified body) NB 2189

# CLASSIFICATION OF PROPERTIES MLTB-2746-2018-IF



Notified body NB 2189

for Initial Type Testing (ITT) consistent with the norm PN-EN 14351-1+A2:2016  
Assessment of the performance of the product on the basis of testing/ calculations

Company: **PRZEDSIĘBIORSTWO  
PRODUKCYNNO-USŁUGOWO-HANDLOWE  
Dariusz Malec**  
ul. Królowej Jadwigi 13 E, 78-200 Białogard

Product: Double leaf external door with glass (1,48 x 2,18 m), glass 4/12/4/12/4; main profiles: pine wood

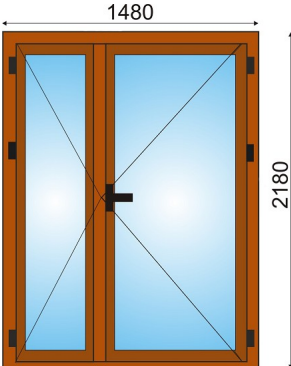
System:  
**SKANDINOVA 68 (DOORS)**

Test results are included in the following test reports registered under the number of the request MLTB-2746-2018



Test methods:

Thermal permeability  
PN-EN ISO 10077-1

Classification standards		PN-EN 14351-1+A2
Product type (B x H mm)		<div>dimension 1480 x 2180</div> <div>Ud</div> <div>1.2</div> <div>W/m²K</div>
	Notes: Calculations for glass 4/12/4/12/4, Ug=0.7 W/(m²K) with aluminum spacer of the glass edge.	

## Mobilne Laboratorium Techniki Budowlanej Sp. z o. o.

- 1) assessment of the performance of the product made by *Head of Laboratory Mścichowski Adam*
- 2) tests made by *Specialist for calculations Rostkowska Danuta*

22-03-2018, Wałbrzych

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Notyfikowana jednostka  
(notified body) NB 2189

# CLASSIFICATION OF PROPERTIES MLTB-2746-2018-IH



Notified body NB 2189

for Initial Type Testing (ITT) consistent with the norm PN-EN 14351-1+A2:2016  
Assessment of the performance of the product on the basis of testing/ calculations

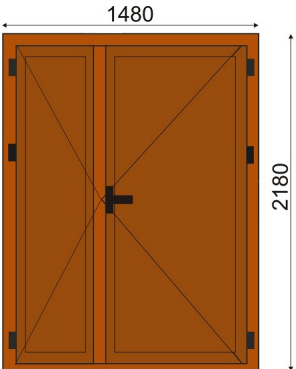
Company: **PRZEDSIĘBIORSTWO  
PRODUKCYJNO-USŁUGOWO-HANDLOWE  
Dariusz Malec**  
ul. Królowej Jadwigi 13 E, 78-200 Białogard

Product: Double leaf external door (1,48 x 2,18 m), panel 36 mm ; main profiles: pine wood  
System: **SKANDINOVA 68 (DOORS)**  
Test results are included in the following test reports registered under the number of the request MLTB-2746-2018



Test methods:

Thermal permeability  
PN-EN ISO 10077-1

Classification standards		PN-EN 14351-1+A2
Product type (B x H mm)		<div>dimension 1480 x 2180</div> <div>Ud</div> <div>1.2</div> <div>W/m²K</div>
	Notes: Calculations for panel: pine 4mm/XPS 28mm/ pine 4mm, Up=0.97 W/(m²K).	

## Mobilne Laboratorium Techniki Budowlanej Sp. z o. o.

- 1) assessment of the performance of the product made by *Head of Laboratory Mścichowski Adam*  
2) tests made by *Specialist for calculations Rostkowska Danuta*

22-03-2018, Wałbrzych

Initial Type Testing (ITT) remain valid until, if there is not change in the construction of window and external pedestrian doorset, the raw material or supplier of the components, or the production proces, which would affect significantly one or more of the characteristics. Consistently with PN-EN 14351-1+A2:2016 point 7.5 Continuous surveillance, assessment and approval of FPC, the producer should carry out FCP assessment together with current and quality control inspections of a product at least once a year. The inspections conducted in accordance with the inspection plan should confirm that the manufactured products have the same properties as the products subject to ITT.



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