

Number	20-001867-PR01 (NW-K20-06-en-01)
Owner	GEALAN Fenster-Systeme GmbH Hofer Str. 80 95145 Oberkotzau Germany
Product	Plastic profile, profile combination: casement member - frame member
Designation	System: GEALAN-LINEAR
Details	Material Polyvinyl Chloride unplasticized (PVC-U); Projected width 110 mm; Structural depth 74 mm; Casement: Designation 7072; Cross section (W x T) 72 mm x 74 mm; Thickness of infill 36 mm; Edge cover of infill 15 mm; Reinforcement material Steel - galvanized Steel; Reinforcement designation 8727; Frame member: Designation 7001; Cross section (W x T) 72 mm x 74 mm; Reinforcement material Steel - galvanized Steel; Reinforcement designation 8727
Special features	

## Result

Thermal transmittance according to EN 12412-2:2003-07



$$U_f = 1,1 \text{ W/(m}^2\text{K)}$$

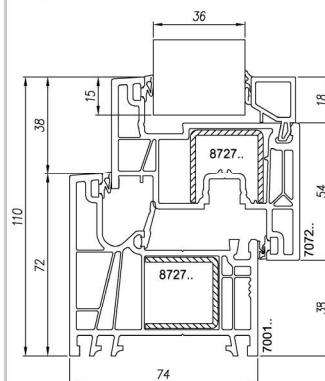
## Basis \*)

EN 12412-2:2003-07

\*) and corresponding national versions (e.g. DIN EN)

Test report: 20-001867-PR01 PB-K20-06-de-01

## Representation



## Instructions for use

The results obtained can be used as evidence in accordance with the above basis.

## Validity

There is no time limit.

When using this document the up-to-dateness of above basis and the conformity of the product have to be observed.

The data and results given relate solely to the tested/described specimen. This test/evaluation does not allow any statement to be made on further characteristics of the present structure regarding performance and quality.

## Notes on publication

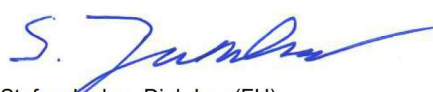
The ift-Guidance Sheet "Conditions and Guidance for the Use of ift Test Documents" applies.

ift Rosenheim

16.07.2020



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ID: C7D-B8CFA

Number	20-002280-PR02 (NW T06-A01-04-en-01)
Owner	GEALAN Fenster-Systeme GmbH Hofer Str. 80 95145 Oberkotzau Germany
Product	Single window
Designation	Shipping name: Linear
Details	Manufacturer: GEALAN Fenster-Systeme GmbH, - Oberkotzau; Type of opening: Tilt and turn; Overall dimensions (W x H): 1230 mm x 1480 mm; Rebate seal levels: 3; Mass, area-related: 30.1 kg/m <sup>2</sup> ; Number of casements: 1; IGU: Glass configuration 4 float / 16 cavity (Ar) / 4 float; Frame member: Designation 7001; Material: Unplasticised polyvinyl chloride (uPVC), with reinforcement; Projected width: 72 mm; Structural depth: 74 mm; Casement member: Designation 7072; Material: Unplasticised polyvinyl chloride (uPVC), with reinforcement; Projected width: 72 mm; Structural depth: 74 mm

#### Special features

#### Result

Weighted Sound Reduction Index  $R_w$  and Spectrum-Adaptation Terms  $C$  and  $C_{tr}$  according to EN ISO 10140-2: 2010-09, EN ISO 717-1: 2013-03



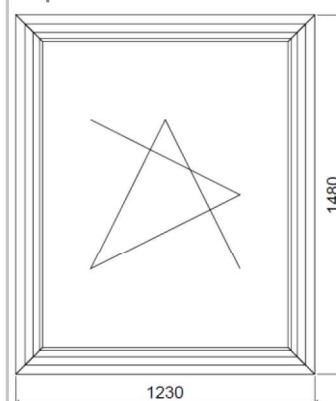
**$R_w (C; C_{tr}) = 34 (-2; -5) \text{ dB}$**

#### Basis \*)

EN ISO 10140-2:2010-09  
EN ISO 717-1:2013-03  
EN ISO 10140-1:2016-08  
\*) and corresponding national versions (e.g. DIN EN)

Test report: 20-002280-PR02 PB  
T06-A01-04-de-01

#### Representation



#### Instructions for use

The results obtained can be used as evidence in accordance with the above basis.

#### Validity

There is no time limit.  
When using this document the up-to-dateness of above basis and the conformity of the product have to be observed.

#### Notes on publication

The ift-Guidance Sheet "Conditions and Guidance for the Use of ift Test Documents" applies.

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07.01.2021



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ID: F69-CEC05

Number	20-002280-PR02 (NW T04-A01-04-en-01)
Owner	GEALAN Fenster-Systeme GmbH Hofer Str. 80 95145 Oberkotzau Germany
Product	Single window
Designation	Shipping name: Linear
Details	Manufacturer: GEALAN Fenster-Systeme GmbH, - Oberkotzau; Type of opening: Tilt and turn; Overall dimensions (W x H): 1230 mm x 1480 mm; Rebate seal levels: 3; Mass, area-related: 37.1 kg/m <sup>2</sup> ; Number of casements: 1; IGU: Glass configuration: 4 float / 14 cavity (Ar) / 4 float / 14 cavity (Ar) / 4 float; Frame member: Designation: 7001; Material: Unplasticised polyvinyl chloride (uPVC), with reinforcement; Projected width: 72 mm; Structural depth: 74 mm; Casement member: Designation: 7072; Material: Unplasticised polyvinyl chloride (uPVC), with reinforcement; Projected width: 72 mm; Structural depth: 74 mm
Special features	
Result	

Weighted Sound Reduction Index  $R_w$  and Spectrum-Adaptation Terms  $C$  and  $C_{tr}$  according to EN ISO 10140-2: 2010-09, EN ISO 717-1: 2013-03

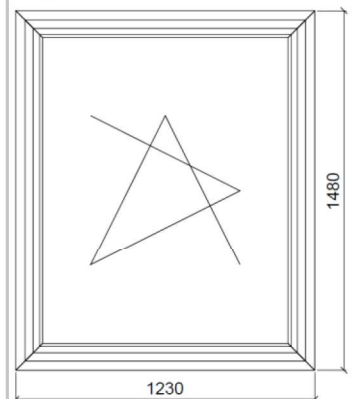


$$R_w (C; C_{tr}) = 35 (-1; -5) \text{ dB}$$

#### Basis \*)

EN ISO 10140-2:2010-09  
EN ISO 717-1:2013-03  
EN ISO 10140-1:2016-08  
\*) and corresponding national versions  
(e.g. DIN EN)  
Test report: 20-002280-PR02 PB  
T04-A01-04-de-01

#### Representation



#### Instructions for use

The results obtained can be used as evidence in accordance with the above basis.

#### Validity

There is no time limit.  
When using this document the up-to-dateness of above basis and the conformity of the product have to be observed.

#### Notes on publication

The ift-Guidance Sheet "Conditions and Guidance for the Use of ift Test Documents" applies.

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07.01.2021



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ID: DA6-8AF77

Number	20-002280-PR02 (NW T02-A01-04-en-01)
Owner	GEALAN Fenster-Systeme GmbH Hofer Str. 80 95145 Oberkotzau Germany
Product	Single window
Designation	Shipping name: Linear
Details	Manufacturer GEALAN Fenster-Systeme GmbH, - Oberkotzau; Type of opening Tilt and turn; Overall dimensions (W x H) 1230 mm x 1480 mm; Rebate seal levels 3; Mass, area-related 52.6 kg/m <sup>2</sup> ; Number of casements 1; IGU: Glass configuration 8 LSG (acoustic foil) / 12 cavity (Ar) / 4 float / 12 cavity (Ar) / 8 LSG (acoustic foil); Frame member: Designation 7001; Material Unplasticised polyvinyl chloride (uPVC), with reinforcement; Projected width 72 mm; Structural depth 74 mm; Casement member: Designation 7072; Material Unplasticised polyvinyl chloride (uPVC), with reinforcement; Projected width 72 mm; Structural depth 74 mm

Special features

Result

Weighted Sound Reduction Index  $R_w$  and Spectrum-Adaptation Terms  $C$  and  $C_{tr}$  according to EN ISO 10140-2: 2010-09, EN ISO 717-1: 2013-03



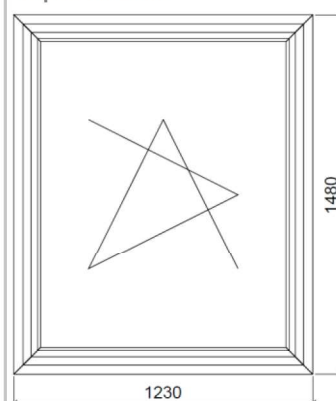
$$R_w (C; C_{tr}) = 47 (-2; -4) \text{ dB}$$

Basis \*)

EN ISO 10140-2:2010-09  
EN ISO 717-1:2013-03  
EN ISO 10140-1:2016-08  
\*) and corresponding national versions  
(e.g. DIN EN)

Test report: 20-002280-PR02 PB  
T02-A01-04-de-01

Representation



Instructions for use

The results obtained can be used as evidence in accordance with the above basis.

Validity

There is no time limit.  
When using this document the up-to-dateness of above basis and the conformity of the product have to be observed.

Notes on publication

The ift-Guidance Sheet "Conditions and Guidance for the Use of ift Test Documents" applies.

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ID: 68E-09211

## Classification Report

Number	20-001867-PR04 (NW-A01-0203-en-01)
Owner	GEALAN Fenster-Systeme GmbH Hofer Str. 80 95145 Oberkotzau Germany
Product	Tilt and turn window with fixed sublight
Designation	System: GEALAN-LINEAR
Details	Manufacturer GEALAN Fenster-Systeme GmbH,- Oberkotzau; Material Polyvinyl Chloride unplasticized (PVC-U) white; Type of opening Tilt and turn; Opening direction DIN right, inward opening; Overall dimensions (W x H) 1576 mm x 2376 mm
Special features	

### Result

Air permeability according to EN 12207:2016-12	Resistance to wind load according to EN 12210:2016-03	Watertightness according to EN 12208:1999-11	Operating forces according to EN 13115:2001-07	Mechanical properties according to EN 13115:2001-07
				
<b>4</b>	<b>C4/B4</b>	<b>9A</b>	<b>1</b>	<b>4</b>

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16.10.2020

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Building Component Testing

*Daniel Gromotka*  
Daniel Gromotka, B.Eng.  
Operating Testing Officer  
Building Component Testing

### Basis \*)

EN 14351-1:2006+A2:2016-09  
\*) and corresponding national versions  
(e.g. DIN EN)

Test report: 20-001867-PR04 PB-A01-0203-de-01

### Representation



### Instructions for use

The Evidence ("Nachweis") can be used for preparing the Declaration of Performance in accordance with the Construction Products Regulation 305/2011/EU. The results obtained apply to the direct field of application determined in Annex E of EN 14351-1.

### Validity

There is no time limit.  
When using this document the up-to-dateness of above basis and the conformity of the product have to be observed.

### Notes on publication

The ift-Guidance Sheet "Conditions and Guidance for the Use of ift Test Documents" applies.

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ID: F0B-D05DD