



DECLARATION OF CONFORMITY



We RENOLIT ONDEX, 57 avenue de Tavaux, 21800 CHEVIGNY SAINT SAUVEUR, France

Declare under our sole responsibility that the RENOLIT ONDEX product:

<i>Product Code</i>	<i>Designation</i>
11012	HR GR70/18 1095 C020 Cristal neutre

When used according to its instruction as, "light transmitting single skin profiled PVC-U sheet for internal and external roofs, walls and ceilings", complies with the essential requirements of the following directive in ZA Annex:

NF EN 1013.2012

In particular it complies with the following standards

NF P38-511 ; EN ISO 13468-1 ; ISO 178 ; EN ISO 8256 ; EN ISO 11664-1 ; EN ISO 13468-1 ; EN 6603-1 ;
EN ISO 12572 ; EN ISO 11359-2 ; EN 13501-1 ; EN 13501-5

Chevigny Saint Sauveur, 08/07/2013

Mr Patrick BOILLAUD

Technical services manager



DECLARATION OF PERFORMANCE - GB

STANDARD EN 1013: 2012
DECLARATION NO: DOP-11012-V1



1. UNIQUE IDENTIFICATION CODE OF THE PRODUCT : 11012
2. DESCRIPTION OF THE PRODUCT: HR GR70/18 1095 C020 Cristal neutre

Colour	Pitch of corrugation and depth	Cover width	Thickness (mm)	Type of material	Nominal mass
Neutral crystal	Greca 70/18	980 mm	1.10 mm	NP bi-stretched PVC	1.90 kg/m ²

3. INTENDED USE OF THE PRODUCT: Light transmitting single skin profiled PVC-U sheet for internal and external roofs, walls and ceilings
4. NAME AND CONTACT ADDRESS : RENOLIT ONDEX - 57 Avenue de Tavaux - 21800 Chevigny-Saint-Sauveur
OF THE MANUFACTURER France – Tel.: +33 3 80 46 80 01
5. AUTHORISED REPRESENTATIVE OF THE MANUFACTURER: Not relevant
6. SYSTEM OF ASSESSMENT AND VERIFICATION OF CONSTANCY OF PERFORMANCE OF THE PRODUCT: System 3
7. PRODUCT COVERED BY A HARMONISED STANDARD: EN 1013: 2012
8. EUROPEAN TECHNICAL ASSESSMENT: Not relevant
9. DECLARED PERFORMANCE according to harmonized technical specifications EN 1013:

Essential characteristics	Performances
Dimensional tolerances	Pass
Water/air permeability	Pass
Total luminous transmittance (NF P38-511)	80%
Flexural/tensile strength (ISO 178)	PND
Flexural stress (ISO 178)	97 MPA
Flexural modulus of elasticity (ISO 178) <i>E</i>	3900 MPA
Coefficient of rigidity <i>E.t</i> ³	6.7 N.m
Impact tensile strength (EN ISO 8256)	1200 kJ/m ²
Variation of the yellowness index after artificial ageing (EN ISO 11664-1)	5 (A0)
Variation of the total luminous transmittance after artificial ageing (EN ISO 13468-1)	10% (A0)
Variation of the flexural/tensile strength after artificial ageing (EN ISO 178)	≤10% (A0)
Small hard body impact resistance (EN 6603-1)	Pass
Large soft body impact resistance (Non fragile Test)	Class B
Water vapour permeability (EN ISO 12572)	0,8 x 10 ⁻⁵ mg/(m-h-Pa)
Linear thermal expansion (EN ISO 11359-2)	67 x 10 ⁻⁶ (K ⁻¹)
Class for the reaction to fire (EN 13501-1)	B s1 d0
Class for the external fire performance (EN 13501-5)	F roof (not tested)
Release of dangerous substances	PND
Resistance to fixings	www.ondex.com

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performances 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 Patrick BOILLAUD – Technical Service Manager on July 8, 2013



DECLARATION OF CONFORMITY



We RENOLIT ONDEX, 57 avenue de Tavaux, 21800 CHEVIGNY SAINT SAUVEUR, France

Declare under our sole responsibility that the RENOLIT ONDEX product:

<i>Product Code</i>	<i>Designation</i>
23082	HR GR70/18 1095 T012 Translucide naturel

When used according to its instruction as, "light transmitting single skin profiled PVC-U sheet for internal and external roofs, walls and ceilings", complies with the essential requirements of the following directive in ZA Annex:

NF EN 1013.2012

In particular it complies with the following standards

NF P38-511 ; EN ISO 13468-1 ; ISO 178 ; EN ISO 8256 ; EN ISO 11664-1 ; EN ISO 13468-1 ; EN 6603-1 ;
EN ISO 12572 ; EN ISO 11359-2 ; EN 13501-1 ; EN 13501-5

Chevigny Saint Sauveur, 08/07/2013

Mr Patrick BOILLAUD

Technical services manager



DECLARATION OF PERFORMANCE - GB

STANDARD EN 1013: 2012
DECLARATION NO: DOP-23082-V1



- UNIQUE IDENTIFICATION CODE OF THE PRODUCT : 23082
- DESCRIPTION OF THE PRODUCT: HR GR70/18 1095 T012 Translucide naturel

Colour	Pitch of corrugation and depth	Cover width	Thickness (mm)	Type of material	Nominal mass
Natural translucent	Greca 70/18	980 mm	1.10 mm	NP bi-stretched PVC	1.90 kg/m ²

- INTENDED USE OF THE PRODUCT: Light transmitting single skin profiled PVC-U sheet for internal and external roofs, walls and ceilings
- NAME AND CONTACT ADDRESS : RENOLIT ONDEX - 57 Avenue de Tavaux - 21800 Chevigny-Saint-Sauveur
OF THE MANUFACTURER France – Tel.: +33 3 80 46 80 01
- AUTHORISED REPRESENTATIVE OF THE MANUFACTURER: Not relevant
- SYSTEM OF ASSESSMENT AND VERIFICATION OF CONSTANCY OF PERFORMANCE OF THE PRODUCT: System 3
- PRODUCT COVERED BY A HARMONISED STANDARD: EN 1013: 2012
- EUROPEAN TECHNICAL ASSESSMENT: Not relevant
- DECLARED PERFORMANCE according to harmonized technical specifications EN 1013:

Essential characteristics	Performances
Dimensional tolerances	Pass
Water/air permeability	Pass
Total luminous transmittance (NF P38-511)	54%
Flexural/tensile strength (ISO 178)	PND
Flexural stress (ISO 178)	101 MPA
Flexural modulus of elasticity (ISO 178) <i>E</i>	4000 MPA
Coefficient of rigidity <i>E.t</i> ³	6.9 N.m
Impact tensile strength (EN ISO 8256)	1500 kJ/m ²
Variation of the yellowness index after artificial ageing (EN ISO 11664-1)	- 15 (A0)
Variation of the total luminous transmittance after artificial ageing (EN ISO 13468-1)	2% (A0)
Variation of the flexural/tensile strength after artificial ageing (EN ISO 178)	≤10% (A0)
Small hard body impact resistance (EN 6603-1)	Pass
Large soft body impact resistance (Non fragile Test)	Class B
Water vapour permeability (EN ISO 12572)	0,8 x 10 ⁻⁵ mg/(m-h-Pa)
Linear thermal expansion (EN ISO 11359-2)	67 x 10 ⁻⁶ (K ⁻¹)
Class for the reaction to fire (EN 13501-1)	B s1 d0
Class for the external fire performance (EN 13501-5)	F roof (not tested)
Release of dangerous substances	PND
Resistance to fixings	www.ondex.com

- The performance of the product identified in points 1 and 2 is in conformity with the declared performances 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 Patrick BOILLAUD – Technical Service Manager on July 8, 2013



DECLARATION OF CONFORMITY



We RENOLIT ONDEX, 57 avenue de Tavaux, 21800 CHEVIGNY SAINT SAUVEUR, France

Declare under our sole responsibility that the RENOLIT ONDEX product:

<i>Product Code</i>	<i>Designation</i>
07811	SLX GR70/18 1095 C020 Cristal neutre

When used according to its instruction as, "light transmitting single skin profiled PVC-U sheet for internal and external roofs, walls and ceilings", complies with the essential requirements of the following directive in ZA Annex:

NF EN 1013.2012

In particular it complies with the following standards

NF P38-511 ; EN ISO 13468-1 ; ISO 178 ; EN ISO 8256 ; EN ISO 11664-1 ; EN ISO 13468-1 ; EN 6603-1 ;
EN ISO 12572 ; EN ISO 11359-2 ; EN 13501-1 ; EN 13501-5

Chevigny Saint Sauveur, 08/07/2013

Mr Patrick BOILLAUD

Technical services manager



DECLARATION OF PERFORMANCE - GB

STANDARD EN 1013: 2012
DECLARATION NO: DOP-07811-V1



- UNIQUE IDENTIFICATION CODE OF THE PRODUCT : 07811
- DESCRIPTION OF THE PRODUCT: SLX GR70/18 1095 C020 Cristal neutre

Colour	Pitch of corrugation and depth	Cover width	Thickness (mm)	Type of material	Nominal mass
Neutral crystal	Greca 70/18	914 mm	0.90 mm	NP bi-stretched PVC	1.50 kg/m ²

- INTENDED USE OF THE PRODUCT: Light transmitting single skin profiled PVC-U sheet for internal and external roofs, walls and ceilings
- NAME AND CONTACT ADDRESS : OF THE MANUFACTURER: RENOLIT ONDEX - 57 Avenue de Tavaux - 21800 Chevigny-Saint-Sauveur France – Tel.: +33 3 80 46 80 01
- AUTHORISED REPRESENTATIVE OF THE MANUFACTURER: Not relevant
- SYSTEM OF ASSESSMENT AND VERIFICATION OF CONSTANCY OF PERFORMANCE OF THE PRODUCT: System 3
- PRODUCT COVERED BY A HARMONISED STANDARD: EN 1013: 2012
- EUROPEAN TECHNICAL ASSESSMENT: Not relevant
- DECLARED PERFORMANCE according to harmonized technical specifications EN 1013:

Essential characteristics	Performances
Dimensional tolerances	Pass
Water/air permeability	Pass
Total luminous transmittance (NF P38-511)	80%
Flexural/tensile strength (ISO 178)	PND
Flexural stress (ISO 178)	97 MPA
Flexural modulus of elasticity (ISO 178) <i>E</i>	3900 MPA
Coefficient of rigidity <i>E.t</i> ³	2.8 N.m
Impact tensile strength (EN ISO 8256)	1200 kJ/m ²
Variation of the yellowness index after artificial ageing (EN ISO 11664-1)	5 (A0)
Variation of the total luminous transmittance after artificial ageing (EN ISO 13468-1)	10% (A0)
Variation of the flexural/tensile strength after artificial ageing (EN ISO 178)	≤10% (A0)
Small hard body impact resistance (EN 6603-1)	Pass
Large soft body impact resistance (Non fragile Test)	PND
Water vapour permeability (EN ISO 12572)	0,8 x 10 ⁻⁵ mg/(m-h-Pa)
Linear thermal expansion (EN ISO 11359-2)	67 x 10 ⁻⁶ (K ⁻¹)
Class for the reaction to fire (EN 13501-1)	B s1 d0
Class for the external fire performance (EN 13501-5)	F roof (not tested)
Release of dangerous substances	PND
Resistance to fixings	www.ondex.com

- The performance of the product identified in points 1 and 2 is in conformity with the declared performances 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 Patrick BOILLAUD – Technical Service Manager on July 8, 2013



DECLARATION OF CONFORMITY



We RENOLIT ONDEX, 57 avenue de Tavaux, 21800 CHEVIGNY SAINT SAUVEUR, France

Declare under our sole responsibility that the RENOLIT ONDEX product:

<i>Product Code</i>	<i>Designation</i>
22055	SLX GR70/18 1095 T012 Translucide naturel

When used according to its instruction as, "light transmitting single skin profiled PVC-U sheet for internal and external roofs, walls and ceilings", complies with the essential requirements of the following directive in ZA Annex:

NF EN 1013.2012

In particular it complies with the following standards

NF P38-511 ; EN ISO 13468-1 ; ISO 178 ; EN ISO 8256 ; EN ISO 11664-1 ; EN ISO 13468-1 ; EN 6603-1 ;
EN ISO 12572 ; EN ISO 11359-2 ; EN 13501-1 ; EN 13501-5

Chevigny Saint Sauveur, 08/07/2013

Mr Patrick BOILLAUD

Technical services manager



DECLARATION OF PERFORMANCE - GB

STANDARD EN 1013: 2012
DECLARATION NO: DOP-22055-V1



1. UNIQUE IDENTIFICATION CODE OF THE PRODUCT : 22055
2. DESCRIPTION OF THE PRODUCT: SLX GR70/18 1095 T012 Translucide naturel

Colour	Pitch of corrugation and depth	Cover width	Thickness (mm)	Type of material	Nominal mass
Natural translucent	Greca 70/18	914 mm	0.90 mm	NP bi-stretched PVC	1.50 kg/m ²

3. INTENDED USE OF THE PRODUCT: Light transmitting single skin profiled PVC-U sheet for internal and external roofs, walls and ceilings
4. NAME AND CONTACT ADDRESS : RENOLIT ONDEX - 57 Avenue de Tavaux - 21800 Chevigny-Saint-Sauveur
OF THE MANUFACTURER France – Tel.: +33 3 80 46 80 01
5. AUTHORISED REPRESENTATIVE OF THE MANUFACTURER: Not relevant
6. SYSTEM OF ASSESSMENT AND VERIFICATION OF CONSTANCY OF PERFORMANCE OF THE PRODUCT: System 3
7. PRODUCT COVERED BY A HARMONISED STANDARD: EN 1013: 2012
8. EUROPEAN TECHNICAL ASSESSMENT: Not relevant
9. DECLARED PERFORMANCE according to harmonized technical specifications EN 1013:

Essential characteristics	Performances
Dimensional tolerances	Pass
Water/air permeability	Pass
Total luminous transmittance (NF P38-511)	61%
Flexural/tensile strength (ISO 178)	PND
Flexural stress (ISO 178)	101 MPA
Flexural modulus of elasticity (ISO 178) <i>E</i>	4000 MPA
Coefficient of rigidity <i>E.t</i> ³	2.9 N.m
Impact tensile strength (EN ISO 8256)	1500 kJ/m ²
Variation of the yellowness index after artificial ageing (EN ISO 11664-1)	-5 (A0)
Variation of the total luminous transmittance after artificial ageing (EN ISO 13468-1)	2% (A0)
Variation of the flexural/tensile strength after artificial ageing (EN ISO 178)	≤10% (A0)
Small hard body impact resistance (EN 6603-1)	Pass
Large soft body impact resistance (Non fragile Test)	PND
Water vapour permeability (EN ISO 12572)	0,8 x 10 ⁻⁵ mg/(m-h-Pa)
Linear thermal expansion (EN ISO 11359-2)	67 x 10 ⁻⁶ (K ⁻¹)
Class for the reaction to fire (EN 13501-1)	B s1 d0
Class for the external fire performance (EN 13501-5)	F roof (not tested)
Release of dangerous substances	PND
Resistance to fixings	www.ondex.com

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performances 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 Patrick BOILLAUD – Technical Service Manager on July 8, 2013



DECLARATION OF CONFORMITY



We RENOLIT ONDEX, 57 avenue de Tavaux, 21800 CHEVIGNY SAINT SAUVEUR, France

Declare under our sole responsibility that the RENOLIT ONDEX product:

<i>Product Code</i>	<i>Designation</i>
00861	HR 150/45 952 C020 150/45 Aluform Cr Neutr

When used according to its instruction as, "light transmitting single skin profiled PVC-U sheet for internal and external roofs, walls and ceilings", complies with the essential requirements of the following directive in ZA Annex:

NF EN 1013.2012

In particular it complies with the following standards

NF P38-511 ; EN ISO 13468-1 ; ISO 178 ; EN ISO 8256 ; EN ISO 11664-1 ; EN ISO 13468-1 ; EN 6603-1 ;
EN ISO 12572 ; EN ISO 11359-2 ; EN 13501-1 ; EN 13501-5

Chevigny Saint Sauveur, 08/07/2013

Mr Patrick BOILLAUD

Technical services manager



DECLARATION OF PERFORMANCE - GB

STANDARD EN 1013: 2012
DECLARATION NO: DOP-00861-V1



- UNIQUE IDENTIFICATION CODE OF THE PRODUCT : 00861
- DESCRIPTION OF THE PRODUCT: HR 150/45 952 C020 150/45 Aluform Cr Neutr

Colour	Pitch of corrugation and depth	Cover width	Thickness (mm)	Type of material	Nominal mass
Neutral crystal	150/45 Aluform	900 mm	1.10 mm	NP bi-stretched PVC	2.05 kg/m ²

- INTENDED USE OF THE PRODUCT: Light transmitting single skin profiled PVC-U sheet for internal and external roofs, walls and ceilings
- NAME AND CONTACT ADDRESS : RENOLIT ONDEX - 57 Avenue de Tavaux - 21800 Chevigny-Saint-Sauveur
OF THE MANUFACTURER France – Tel.: +33 3 80 46 80 01
- AUTHORISED REPRESENTATIVE OF THE MANUFACTURER: Not relevant
- SYSTEM OF ASSESSMENT AND VERIFICATION OF CONSTANCY OF PERFORMANCE OF THE PRODUCT: System 3
- PRODUCT COVERED BY A HARMONISED STANDARD: EN 1013: 2012
- EUROPEAN TECHNICAL ASSESSMENT: Not relevant
- DECLARED PERFORMANCE according to harmonized technical specifications EN 1013:

Essential characteristics	Performances
Dimensional tolerances	Pass
Water/air permeability	Pass
Total luminous transmittance (NF P38-511)	80%
Flexural/tensile strength (ISO 178)	PND
Flexural stress (ISO 178)	97 MPA
Flexural modulus of elasticity (ISO 178) <i>E</i>	3900 MPA
Coefficient of rigidity <i>E.t</i> ³	6.7 N.m
Impact tensile strength (EN ISO 8256)	1200 kJ/m ²
Variation of the yellowness index after artificial ageing (EN ISO 11664-1)	5 (A0)
Variation of the total luminous transmittance after artificial ageing (EN ISO 13468-1)	10% (A0)
Variation of the flexural/tensile strength after artificial ageing (EN ISO 178)	≤10% (A0)
Small hard body impact resistance (EN 6603-1)	Pass
Large soft body impact resistance (Non fragile Test)	PND
Water vapour permeability (EN ISO 12572)	0,8 x 10 ⁻⁵ mg/(m-h-Pa)
Linear thermal expansion (EN ISO 11359-2)	67 x 10 ⁻⁶ (K ⁻¹)
Class for the reaction to fire (EN 13501-1)	B s1 d0
Class for the external fire performance (EN 13501-5)	F roof (not tested)
Release of dangerous substances	PND
Resistance to fixings	www.ondex.com

- The performance of the product identified in points 1 and 2 is in conformity with the declared performances 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 Patrick BOILLAUD – Technical Service Manager on July 8, 2013



DECLARATION OF CONFORMITY



We RENOLIT ONDEX, 57 avenue de Tavaux, 21800 CHEVIGNY SAINT SAUVEUR, France

Declare under our sole responsibility that the RENOLIT ONDEX product:

<i>Product Code</i>	<i>Designation</i>
26274	The lightridge 26274 is a thermoformed product made from the sheets 23130 and which retains all the physical and technical properties.

When used according to its instruction as, "light transmitting single skin profiled PVC-U sheet for internal and external roofs, walls and ceilings", complies with the essential requirements of the following directive in ZA Annex:

NF EN 1013.2012

In particular it complies with the following standards

NF P38-511 ; EN ISO 13468-1 ; ISO 178 ; EN ISO 8256 ; EN ISO 11664-1 ; EN ISO 13468-1 ; EN 6603-1 ;
EN ISO 12572 ; EN ISO 11359-2 ; EN 13501-1 ; EN 13501-5

Chevigny Saint Sauveur, 08/07/2013

Mr Patrick BOILLAUD

Technical services manager