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Warranty for Renolit MBAS 2 – Laminating Foil

for

Deceuninck NV
Bruggesteenweg 164
8830 Hooglede-Gits
Belgium

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Worms, January 1, 2003



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1. Warranty

Renolit produces foil with the designation MBAS 2. It is suitable to be laminated onto extruded sections for windows and doors.

If used appropriately for the materials involved and for the intended purpose, Renolit assumes responsibility ("the Warranty") for the articles to which it is applied as being color-fast and weather-proof. Under the term "weather-proof" the warranty covers the destruction of the acrylate surface.

The Warranty shall be based on the attached Technical Terms no. XIII./D dated January 1, 2003 and its pertaining Appendix.

The assessment of any color changes shall be subject to ISO 105-A03 (gray scale). The color shall be deemed to have remained constant if Level 4 of the gray scale is attained or exceeded.

2. Warranty period

The Warranty shall commence on the date on which Renolit starts delivery of the MBAS 2 film (Delivery Date) and shall end upon expiry of the relevant period of time specified in the Appendix, whereas the Warranty shall not apply to first-time deliveries of new colors and décors not listed in the Appendix unless otherwise expressly confirmed by Renolit.

3. Preconditions for the Warranty

- The foil shall be processed according to the recognized state of the art.
- Deceuninck shall document production and quality control and retain the relevant documentation on production and quality control throughout the Warranty period.
- c) In the event of a complaint, Renolit shall be informed in writing without undue delay, but in no case later than four weeks after the alleged defect has become apparent, indicating the date of its first detection and a description of the alleged defect.
- d) The Parties shall provide all documentation relating to the product giving rise to the complaint.
- e) Each Party shall inform the other Party of any material changes regarding the quality of its products that may have an influence on the product of the other Party. For this reason, the Warranty shall apply exclusively to processing conditions and products that are known to Renolit at the time of delivery. Should Deceuninck make any major changes to materials or processes that could have a negative effect on the application of the film, it shall do so at its own risk. In this case, Renolit shall be released from the Warranty.



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4. Scope of the Warranty

If the films delivered give rise to justified complaints within the Warranty period, Renolit shall either remedy the defect or replace the material and bear the cost of bringing about a non-defective condition.

5. Arbitration

- a) If, in the event of possible damage, no agreement is reached as to the cause of the damage or as to the appropriate means for its removal, the matter shall be submitted to a recognized, neutral test institute jointly appointed by the Parties to render its expert opinion.
- b) Furthermore, all other disputes that cannot be settled amicably and that have arisen from the application of this Warranty undertaking and/or from the mutual contractual relationship shall be settled by an arbitration procedure based on the Arbitration Rules of the German Institution of Arbitration (Deutsche Institution für Schiedsgerichtsbarkeit e.V., DIS), to the exclusion of the right of recourse to the ordinary courts.

6. Final Provisions

- (a) This Warranty shall apply to all deliveries made as of January 1, 2003, superseding any previous warranties. It also supersedes any previous agreements at of the same time. Warranty commitments made up to this point in time, shall remain effective.
- (b) Should one of the above provisions be or become ineffective, this shall not affect the validity of the remaining provisions. The Parties shall, in such case, replace the ineffective provision by a provision that is nearest to the economic purpose of the ineffective provision.

Hay Oh, 9, 2005 Worms, January 1, 2003

Renolit AG

Hooglede-Gits, 09/02/05

Deceuninck NV



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Technical Terms of Delivery TL no. XIII./D dated January 1, 2003

Laminating foils for sections for exterior use, with components that are mounted vertically.

Product:

Multilayer foil, embossed.

Laminated foil of semi-rigid bottom foil,

coloring extremely fade-resistant and weatherproof, and

acrylic foil according to RAL-GZ 716/1 Section 7

Article:

6576 RENOLIT MBAS 2 solid color 6577 RENOLIT MBAS 2 printed

Use:

Laminating sections

Supplier:

Renolit AG

Horchheimer Strasse 50 67547 Worms, Germany

Thickness:

200 µm

(Renolit PA-QSP 10.1)

Length- and crosswise

 \pm 15 μ m

tolerance:

If tolerance is exhausted, winding of the rolls must not be

impaired.

Thickness of acrylate layer: ≥ 50 μm

(Renolit PA-QSP 10.1)

Weather resistance:

(ISO 4892-2)

Change of color ≤ gray scale 4 (ISO 105-A03) at a radiation exposure of 8 GJ / m2) in compliance with

specification RAL GZ 716/1 Section 7.

Breaking stress *:

> 20 MPa

(ISO 527-3)

Elongation at rupture *:

> 80 %

(ISO 527-3)

Dimensional stability:

(DIN 53377)

Humidity resistance:

Admissible discoloration in damp heat alternating

atmosphere after 14 days ≤ Level 3

> -2.5 % (10 minutes at 60°C)

(DIN 50017-KFW)

according to gray scale

Resistance to rubbing:

Grade 5

(ISO 105-X 12/ISO 105-A03)



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Scratch resistance:

> 20 cN according to test with Erichsen device 435 (cupping

test)

Embossing stability:

No change in embossing appearance, gloss and color

upon accelerated temperature stress (test for 10 minutes at

80°C)

Temperature resistance:

When processing the sections, welding is possible in

compliance with accepted technical rules without impairment of

foil qualities.

At the temperatures required for bending the sections (130°C maximum) there will be an increase in the gloss level of the surface. The original surface finish can be restored by

repolishing the surface with polishing steel wool (000).

In doing so make sure that the thickness of the protective

acrylate layer is not reduced.

No measurable impairment of weather resistance will occur in

this case.

Crazes:

Crazes are unavoidable when creasing on account of the

acrylic foil.

Resistance to chemicals:

Not sensitive to normal household agents

e.g. ammonia solution, aliphatic benzene, dilute alcohol water solutions, cleaning agents (non-abrasive), water and building

materials e.g. cement, plaster.

Not resistant to organic solvents, organic solvent mixtures and preparations that contain solvents (e.g. paint thinner, paint

remover, polishes, adhesives, and the like).

Instructions for care:

Correct cleaning with commercial cleaners, with the

exception of abrasive cleaners. Additional care is not needed.

Colors:

Refer to Appendix

These technical terms of delivery apply to all deliveries as of January 1, 2003 and render all previous technical terms of delivery invalid.

^{*} standard atmosphere 23°C (± 1°C), 50% rel. humidity



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Appendix dated April 1, 2000 for TL no. XIII./D dated January 1, 2003

Group of countries I: Belgium, the Czech Republic, Denmark, Estonia, Finland,

Germany, Great Britain, Iceland, Republic of Ireland, Latvia, Lithuania, Luxembourg, the Netherlands, Norway, Poland, the

European part of Russia, Slovakia, Sweden.

Group of countries II: Austria, Hungary, Liechtenstein, Slovenia, Switzerland.

Group of countries III: France, Monaco.

Group of countries IV: Andorra, Belarus, Bulgaria, Greece, Italy, Moldavia, Portugal,

Rumania, San Marino, Spain*), European part of Turkey incl. the Asian municipal area of Istanbul, the Ukraine, countries that used

to be part of the former Yugoslavia except Slovenia.

*) Spain including the Balearic and the Canary Islands

This Appendix applies to deliveries from January 1, 2003 and renders all previous Appendixes invalid.



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Appendix dated April 1, 2000 for TL no. XIII./D dated January 1, 2003

Renolit	Renolit color/	Warranty period in years					
article no.:	décor no.:	Group of					
		countries					
		1	- 11	III	IV		
6576	1.1087.05	10	7.5	7.5	5		
6576	1.1379.05	10	7.5	7.5	5		
6576	1.3005.05	10	7.5	7.5	5		
6576	1.3054.05	10	7.5	7.5	5		
6576	1.3081.05	10	7.5	7.5	5		
6576	1.3130.05	10	7.5	7.5	5		
6576	1.5003.05	10	7.5	7.5	5		
6576	1.5007.05	10	7.5	7.5	-		
6576	1.5056.05	10	7.5	7.5	-		
6576	1.5150.05	10	7.5	7.5	5		
6576	1.6005.05	10	7.5	7.5	5		
6576	1.6110.05	10	7.5	7.5	5		
6576	1.6125.05	10	7.5	7.5	5		
6576	1.7016.05	10	7.5	7.5	5		
6576	1.7038.05	10	7.5	7.5	5		
6576	1.7155.05	10	7.5	7.5	5		
6576	1.7251.05	10	7.5	7.5	5		
6576	1.8099.05	10	7.5	7.5	5		
6576	1.8518.05	10	7.5	7.5	5		
6576	1.8875.05	10	7.5	7.5	5		
6576	1.9152.05	10	7.5	7.5	5		

This Appendix applies to deliveries from January 1, 2003 and renders all previous Appendixes invalid.



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Appendix dated April 1, 2000 for TL no. XIII./D dated January 1, 2003

Renolit	Renolit color/	Warranty period in years Group of countries				
article no.:	décor no.:					
		-1	II	111	IV	
6577	3.1192 001	10	7.5	7.5	5	
6577	3.2052 089	10	7.5	7.5	5	
6577	3.2052 090	10	7.5	7.5	5	
6577	3.2065 021	10	7.5	7.5	5	
6577	3.2097 013	10	7.5	7.5	5	
6577	3.2115 008	10	7,5	7,5	5	
6577	3.2178 001	10	7.5	7.5	5	
6577	3.2178 007	10	7,5	7,5	5	
6577	3.3069 037	10	7.5	7.5	5	
6577	3.3069 041	10	7.5	7.5	5	
6577	3.3118 076	10	7.5	7.5	5	
6577	3.3149 008	10	7.5	7.5	5	
6577	3.3152 009	10	7.5	7.5	5	
6577	3.3156 003	10	7.5	7.5	5	
6577	3.3162 002	10	7.5	7.5	5	
6577	3.3167 002	10	7.5	7.5	5	
6577	3.3167 004	10	7.5	7.5	5	
6577	3.3167 011	10	7.5	7.5	5	
6577	3.3202 001	10	7.5	7.5	5	

This Appendix applies to deliveries from January 1, 2003 and renders all previous Appendixes invalid.