



# Limited Product Warranty Makrolon® AR sheet

## Seven year limited warranty

The following terms and conditions constitute the sole warranty made by Covestro (the "Company") regarding Makrolon AR Sheet (the "Product") to the immediate purchaser of the Product from the Company or its authorized distributor (the "Buyer"). In all cases, the Company's sole liability and the Buyer's sole remedy shall consist of the Company replacing the defective Product or refunding the purchase price, at the Company's option as discussed herein. This warranty shall not apply to any Product improperly installed, maintained or used in an inappropriate application. Failure of the Product due to incomplete or incorrect Buyer-supplied information shall not be warranted. Notwithstanding any other provision in this warranty or elsewhere to the contrary, the Company's liability, for any cause whatsoever, shall not exceed the purchase price of the Product in question. The Company shall not be liable for any special, incidental, indirect or consequential damages of any kind, arising at any time or for any cause whatsoever. In no event shall this warranty cover the cost of removal, reinstallation, transportation and handling, or similar costs. All warranties begin on the date of sale to Buyer. Buyer must notify the Company within 30 days of an alleged defect or this warranty shall be void. This warranty shall not apply unless Buyer returns defective material for evaluation and testing and proof of purchase to The Company or the original dealer prior to the expiration of the warranty.

Subject to the conditions and definitions contained herein, if the Product breaks, exhibits excessive haze due to loss of abrasion resistance, exhibits coating failure, exhibits excessive yellowing, or exhibits excessive loss of light transmission within seven (7) years from the date of sale due to a manufacturing defect, then the Buyer, or the fabricator designated by the Buyer, will receive a free replacement sheet. If a replacement sheet cannot be provided within fourteen (14) days, the Company may opt to refund the original Product purchase price in lieu of providing replacement sheet Product.

### CONDITIONS

This warranty applies only when the Product is used in flat vertical architectural glazing and has been designed, fabricated, installed and cleaned in accordance to guidelines published by The Company (available at [www.sheets.covestro.com](http://www.sheets.covestro.com)). This warranty specifically excludes sloped glazing, transportation and recreational and off-road vehicle applications.

**Breakage:** The Product is tougher than acrylic and resists impact, abuse, and vandalism. However, no material can be described as unbreakable, for it is impossible to account for all types of usage. The warranty applies if the Product breaks and a sample of the returned Product breaks in a brittle manner (breaks into separate pieces with sharp edges, without plastic deformation) when tested according to ASTM D 3763 modified by the Company.

**Abrasion Resistance:** The warranty applies if samples of the Product exhibits a haze increase of more than 15% when tested according to ASTM D 1044 (Taber Abrader) using CS-10F wheels for 100 cycles with a 500 gram load.

**Coating Failure:** The warranty applies when the abrasion-resistant surface treatment exhibits flaking of the surface treatment or loss of adhesion between the surface treatment and the substrate sheet, either of which is visibly detectable without the aid of instruments.

**Yellowing:** The warranty against excessive yellowing applies only to clear transparent (A00) Product. The Yellowness Index (YI) increase of the Product shall be determined according to ASTM D 1925. The warranty applies when a sample of the returned Product exhibits a YI increase (from initial manufactured value) of more than 5 during a five-year period from the date of sale, or of more than 10 during a seven-year period from the date of sale.

**Light Transmission:** The warranty against excessive Light Transmission decrease applies only to clear transparent (A00) Product. The warranty applies when a sample of the returned Product exhibits a light transmission decrease (from initial manufactured value) of more than 5% during a five-year period from the date of sale or more than 7% during a seven-year period from the data of sale when tested according to ASTM D 1003.

This warranty is limited to excessive yellowing and light transmission losses due to solar degradation of the Product and does not cover yellowing or light transmission losses due to dirt, atmospheric particulate deposits, abrasion or changes in the physical structure of the Product. Nor does this warranty cover exposure to adverse or hazardous chemical or environmental substances or conditions as determined by the Company. You should be aware that all glazing and outdoor sign materials are subject to irreversible deposits of atmospheric elements and can be expected to show signs of hazing eventually. Regular, proper cleaning will significantly reduce, but not eliminate, that process. This warranty does not cover hazing caused by physical abuse including the failure to clean the Product.

**THE WARRANTIES STATED IN THIS PUBLICATION ARE THE ONLY WARRANTIES MADE BY COVESTRO WITH RESPECT TO THE PRODUCT AND ARE IN LIEU OF ALL WARRANTIES, WRITTEN OR ORAL, STATUTORY, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.**

**NOTICE:** This distributor is authorized to fulfill the above obligations of this warranty to the purchaser at the expense of: Covestro, 119 Salisbury Road, Sheffield, MA 01257.

Customer Name: \_\_\_\_\_

Date of Sale: \_\_\_\_\_

Distributor Name: \_\_\_\_\_

Distributor PO Number: \_\_\_\_\_



119 Salisbury Road  
Sheffield, MA 01257  
Toll Free: 800.254.1707  
Fax: 800.457.3553  
sfdinfo@covestro.com  
**sheets.covestro.com**

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance, information and recommendations to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by Covestro.

Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.

With respect to health, safety and environment precautions, the relevant Safety Data Sheets (SDS) and product labels must be observed prior to working with our products.