

FIVE-YEAR LIMITED WARRANTY

If ArmorPlast™ AR (Abrasion Resistant) sheet breaks, incurs coating failure, exhibits excessive increased haze, or exhibits excessive yellowing or loss of light transmission, in each case within five (5) years from the date of sale due to manufacturing defect and subject to the definitions and conditions set forth herein, then the purchaser will receive a free replacement sheet, provided the failed sheet, original sales receipt and this warranty are returned to the original dealer. If a replacement sheet cannot be provided within fourteen (14) days, Riot Glass, Inc. may opt to refund the original sheet purchase price.

CONDITIONS:

This warranty applies only when ArmorPlast™ AR sheet is used in flat vertical architectural glazing, excluding specifically sloped outdoor applications, cleaned and installed in Riot Glass framing according to Riot Glass, Inc. recommendations (see below for cleaning recommendations). This warranty does not cover (re)installation expenses or any other direct or indirect loss(es) which may result from the sheet failure.

BREAKAGE: The warranty against breakage applies only to sheet fabricated, installed, and cleaned according to Riot Glass, Inc. recommendations. ArmorPlast™ AR sheet is substantially stronger 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.

COATING FAILURE: The warranty against coating failure 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.

ABRASION RESISTANCE: The coated sheet will not exhibit an increase in haze of more than 15%. Criteria: The sample as manufactured shall be abraded according to Test ASTM D-1044 (Taber Abrader) for 100 cycles with a 500 gram load.

YELLOWING AND LIGHT TRANSMISSION: The warranty against loss of light transmission applies only to clear transparent ArmorPlast™ AR sheet with the abrasion resistant surface treatment. The Yellowness Index (YI) of ArmorPlast™ AR sheet (clear only) cleaned according to the recommendations of Riot Glass, Inc. shall be less than 10 during a five (5)-year period from the date of sale as determined according to ASTM D1925 (1977) as measured with a Hunter Ultrascan spectrophotometer. The light transmission characteristics of ArmorPlast™ AR sheet, cleaned according to the recommendations of Riot Glass, Inc., shall not decrease (from its initial manufactured value) by more than 7% during a five (5)-year period from the date of sale when tested by the procedure specified in ASTM D1003.

This warranty is limited to excessive yellowing and light transmission losses due to the degradation of ArmorPlast™ AR sheet and does not cover yellowing or light transmission losses due to dirt, atmospheric deposits, abrasion, or changes in the physical structure of the ArmorPlast™ AR sheet, nor does this warranty cover exposure to adverse or hazardous chemical or environmental substances or conditions as determined by Riot Glass, Inc (including but not limited to those identified in the Riot Glass, Inc. fabrication guide). You should be aware that all glazing and outdoor sign materials are subject to irreversible depositions of atmospheric elements and can be expected to show signs of hazing eventually. Regular proper cleaning will significantly reduce, but not eliminate, that process (see below for cleaning and maintenance instructions). This warranty does not cover hazing caused by physical abuse including failure to clean according to the instructions below.

The warranties stated in this publication are the only warranties made by Riot Glass, Inc. with respect to ArmorPlast™ AR sheet and are in lieu of all warranties, written or oral, statutory, expressed or implied, including any warranty of merchantability or fitness for purpose.

Riot Glass, Inc. shall not be liable for any special, consequential, or incidental damages arising out of the use or application of ArmorPlast™ AR sheet whether a claim for damages is based upon warranty, contract, tort or any other legal theory. Under no circumstance shall Riot Glass, Inc. be liable for any amount greater than the original price purchaser paid for the ArmorPlast™ AR sheet.

The remedies provided herein are purchaser's sole and exclusive remedies.

NOTICE: This dealer is authorized to fulfill the above obligations of this warranty to the purchaser.

This limited warranty must be completed by the dealer at the time of sale.

CUSTOMER NAME: _____

DEALER NAME: _____

DATE OF SALE: _____ ARMORPLAST™ LOT NUMBER: _____

CLEANING PROCEDURES & CLEANING AGENTS

The proprietary UV and abrasion-resistant surface coating on ArmorPlast™ AR significantly improves long-term performance. Periodic cleaning using proper procedures and compatible cleaners is recommended to prolong service life. For general cleaning, it is recommended that the following instructions and cleaning agents be used.

PROCEDURES

1. Wash with a mild solution of soap or detergent and lukewarm water.
2. Using a soft cloth or sponge, gently wash the sheet to loosen dirt and grime and rinse well with clean water.
3. To prevent water spotting, thoroughly dry with chamois or cellulose sponge.
4. Avoid the use of abrasive cleaners, squeegees and/or other cleaning implements that may mar or gouge the coating.

AGENTS: CLEANING AGENTS WHICH HAVE BEEN FOUND TO BE COMPATIBLE WITH ArmorPlast™ AR SHEET UNDER LABORATORY CONDITIONS

AQUEOUS SOLUTIONS OF SOAPS AND DETERGENTS

Windex¹ Joy² Mr. Clean² Fantastik³ Formula 409⁴

¹Registered Trademark of the Drackett Products Company
²Registered Trademarks of Procter & Gamble
³Registered Trademark of Texize, Division of Norton Norwich Products Inc.
⁴Registered Trademark of the Clorox Company

ORGANIC SOLVENTS

Butyl Cellosolve Hexcel, F.O. 554 Kerosene NelecoÚPlacer Naphtha (VM&P) grade Turco 5042

Alcohols Methanol and Isopropyl Alcohol

All residual organic solvents should be removed with a secondary rinse.

GRAFFITI REMOVAL:

- A. Butyl cellosolve (for removal of paints, marking pen inks, lipstick, etc.). The use of masking tape, adhesive tape or lint removal tools works well for lifting off old weathered paints.
- B. To remove labels, stickers, etc., the use of kerosene or VM&P naphtha are generally effective.

If the solvent will not penetrate sticker material, apply heat (hair dryer) to soften the adhesive and promote removal.

IMPORTANT: If a material is found to be incompatible in a short-term test, it will usually be found to be incompatible in the field. The converse, however, is not always true. Favorable performance is no guarantee that actual end-use conditions have been duplicated. Therefore, these results should be used as a guide only and it is recommended that the products be tested under actual end-use conditions by the user.