CONTRAFLAM® SCREEN and KERALITE®-ULTRA SCREEN

- 1. General: This document applies to CONTRAFLAM® Screen and KERALITE®-ULTRA Screen of all make-ups and fire and security ratings including their combination in insulated glass units. When fire-resistant glass is used, it is assumed that the buyer will incorporate abovementioned glass into glazing systems approved by a valid and independent institution, e.g. UL/Underwriters Laboratories. Copies of authorized listing and specifications, as well as instructions for handling and installation are available online at vetrotechusa. com, or by calling 1-888-803-9533. Vetrotech Saint-Gobain makes no warranty of merchantability nor that the product is fit for any particular purpose for use and no other warranty than the abovementioned warranty of any kind, expressed or implied.
- 2. Limited 5 Year Warranty: Vetrotech Saint-Gobain warrants that its CONTRAFLAM® Screen and KERALITE®-ULTRA Screen fire rated glazing to be free of substantial obstruction of vision from dust or other foreign substances as well as the materials and components used for the production of the integral blinds to be free of operational and mechanical defects due to defective materials or workmanship for a period of five (5) years from the date of shipment. CONTRAFLAM® Screen and KERALITE®-ULTRA Screen is assembled to an Insulated Glass Unit (IGU). Vetrotech warrants only that its IGU will be free of substantial obstruction of vision from dust, film formation or moisture accumulation between glass lites resulting from seal failure due to defective materials or workmanship for a period of ten (10) years from the date of shipment when breather tubes are sealed within sixty days of manufacture.

CONTRAFLAM® Screen and KERALITE®-ULTRA Screen is an engineered specialty fire-resistant glazing material. Certain optical and visual faults are inherent to the production process. These characteristics may be evaluated according to the manufacturer's quality standards, but do not impair the transparency or affect the performance of the glass in case of fire, and shall not be considered cause for rejection.

This warranty shall not apply if the failure is caused by acts of God, intervening cause, mishandling, misuse, abuse, improper installation, installation by

unqualified glaziers or by any other cause whatsoever not within our exclusive control, and shall not apply unless the failure occurs within five or ten years after the date of shipment. The obligation of this warranty is to replace the defective glass, F.O.B. manufacturer's warehouse, but in no event shall Vetrotech Saint-Gobain be responsible to cover any cost of removal, installation or reinstallation, loss of use, incidentals or any consequential cost associated with defective product. Any glass replaced under this warranty is limited to the original warranty period and shall not be extended beyond the original five or ten years.

- 3. Transportation and Storage Conditions: Transport and storage of CONTRAFLAM® Screen and KERALITE®-ULTRA Screen products must be in a vertical and dry state and at temperatures above 14°F (-10°C) and below 113°F (45°C). Extreme climatic conditions and exposure to direct sunlight or other heat sources must be avoided. When glass is installed in a not temperature controlled building, above storage conditions apply likewise.
- 4. Handling and Installation Requirements: The product warranty is subject to CONTRAFLAM® Screen and KERALITE®-ULTRA Screen glass having been handled and installed in accordance with published instructions. It is essential that glazing contractors or other handlers or installers be familiar with such instructions. All subsequent product processing, additions or alterations not authorized and monitored by Vetrotech Saint-Gobain are specifically prohibited. If the products are used in fire-rated applications not covered by Vetrotech Saint-Gobain product specifications, all warranty is null and void. All notes and instructions on labels must be respected. If adhesives or sealing materials are applied during installation, compatibility must be verified and confirmed with Vetrotech Saint-Gobain beforehand or all warranty is null and void.
- 5. Product Use: CONTRAFLAM® Screen and KERALITE®-ULTRA Screen products must be used in temperature controlled environments ensuring a maximum glass temperature range between 14°F (-10°C) and 113°F (45°C). All circumstances resulting into heat build-up of the glass caused by window blinds, curtains, etc. must be avoided.



KERALITE®-R / KERALITE®-F / KERALITE®-L

1. General: This document applies to KERALITE®-R, KERALITE®-F, KERALITE®-L of all fire ratings including their combination in insulated glass units. When fire-resistant glass is used, it is assumed that the buyer will incorporate KERALITE®-R, KERALITE®-F, KERALITE®-L glass into glazing systems approved by a valid and independent institution, e.g. UL/Underwriters Laboratories. Copies of authorized listing and specifications, as well as instructions for handling and installation are available online at vetrotechusa.com, or by calling 1-888-803-9533.

Vetrotech Saint-Gobain makes no express or implied representation or warranty as to the fitness, merchantability, or any matter with respect to the KERALITE® products whether used alone or in combination with any other material or equipment. All warranties, including merchantability, are excluded. KERALITE® products are engineered specialty fire resistant glazing materials. Certain optical and visual faults are inherent to the production process. These characteristics may be evaluated according to the manufacturers quality standards, but do not affect the performance of the glass in case of fire, and shall not be considered cause for rejection.

- 2. Limited 10 Year Warranty KERALITE® IGU Products: When assembled to an Insulated Glass Unit (IGU), Vetrotech warrants only that its KERALITE®-R IGU, KERALITE®-F IGU, KERALITE®-L IGU will be free of substantial obstruction of vision from dust, film formation or moisture accumulation between the sealed glass lites resulting from perimeter seal failure due to defective materials or workmanship for a period of ten (10) years from the date of shipment.
- 3. Limited 5 Year Warranty KERALITE®-L: Vetrotech Saint-Gobain warrants only that its KERALITE®-L will be free of manufacturing defects resulting in substantial obstruction of vision from dust or other foreign substances due to defective materials or workmanship for a period of five (5) years from the date of shipping. The remedy for product proved to be defective under the terms of this warranty is limited to the replacement of product.
- 4. Limited 3 Year Warranty KERALITE®-F: Vetrotech Saint-Gobain warrants only that its KERALITE®-F fire rated glazing surface-applied film will maintain peel adhesion without peeling, cracking, crazing, delaminating or discoloring for a period of three (3) years from the date of shipping. Iridescence of the

surface-applied film can occur and become noticeable by certain types of lights and viewing angles. Incident light waves from fluorescent light sources and dark backgrounds can amplify the effect.

Iridescence is inherent to the product, but does not affect the performance of the glass in case of fire, and shall not be considered cause for rejection. The remedy for product proved to be defective under the terms of this warranty is limited to the replacement of the surface-applied film.

This warranty shall not apply if the failure is caused by acts of God, intervening cause, mishandling, misuse, abuse, improper installation, installation by unqualified glaziers or by any other cause whatsoever not within our exclusive control, and shall not apply unless the failure occurs within the warranted period. The obligation of this warranty is to replace the defective film or glass, F.O.B. manufacturer's warehouse, but in no event shall Vetrotech Saint-Gobain be responsible to cover any cost of removal, installation or reinstallation, loss of use, incidentals or any consequential cost associated with defective product. Any glass replaced under this warranty is limited to the original warranty period and shall not be extended beyond the original warranty period.

- 3. Transportation and Storage Conditions: Transport and storage of KERALITE®-R, KERALITE®-F, KERALITE®-L, KERALITE®-ULTRA products must be in a vertical and dry state. Extreme climatic and weather conditions must be avoided.
- 4. Handling and Installation Requirements: The product warranty is subject to KERALITE®-R, KERALITE®-F, KERALITE®-L glass having been handled and installed in accordance with published instructions. It is essential that glazing contractors or other handlers or installers be familiar with such instructions. All subsequent product processing, additions or alterations not authorized and monitored by Vetrotech Saint-Gobain are specifically prohibited. If the products are used in fire-rated applications not covered by Vetrotech Saint-Gobain product specifications, all warranty is null and void.

All notes and instructions on labels must be respected. If adhesives or sealing materials are applied during installation, material compatibility must be verified and confirmed with Vetrotech Saint-Gobain beforehand or all warranty is null and void.



CONTRAFLAM® / SWISSFLAM® / CONTRAFLAM® STRUCTURE / KERALITE®-ULTRA

- 1. General: This document applies to CONTRAFLAM®, SWISSFLAM®, CONTRAFLAM® STRUCTURE, KERALITE®-ULTRA of all types and fire ratings including their combination in insulated glass units. When fire-resistant glass is used, it is assumed that the buyer will incorporate abovementioned glass into glazing systems approved by a valid and independent institution, e.g. UL/Underwriters Laboratories. Copies of authorized listing and specifications, as well as instructions for handling and installation are available online at vetrotechusa.com, or by calling 1-888-803-9533.
- 2. Limited 5 Year Warranty: Vetrotech Saint-Gobain warrants that its CONTRAFLAM®, SWISSFLAM®, CONTRAFLAM® STRUCTURE, KERALITE®-ULTRA fire rated glazing to be free of substantial obstruction of vision from dust or other foreign substances due to defective materials or workmanship for a period of five years from the date of shipment. When assembled to an Insulated Glass Unit (IGU), Vetrotech warrants only that its CONTRAFLAM®-IGU, SWISSFLAM®-IGU, CONTRAFLAM® STRUCTURE-IGU, KERALITE®-ULTRA-IGU will be free of substantial obstruction of vision from dust, film formation or moisture accumulation between glass lites resulting from seal failure due to defective materials or workmanship for a period of ten years from the date of shipment.

CONTRAFLAM®, SWISSFLAM®, CONTRAFLAM® STRUCTURE, KERALITE®-ULTRA is an engineered specialty fire resistant glazing material. Certain optical and visual faults are inherent to the production process. These characteristics may be evaluated according to the manufacturer's quality standards, but do not impair the transparency or affect the performance of the glass in case of fire, and shall not be considered cause for rejection.

This warranty shall not apply if the failure is caused by acts of God, intervening cause, mishandling, misuse, abuse, improper installation, installation by unqualified glaziers or by any other cause whatsoever not within our exclusive control, and shall not apply unless the failure occurs within five or ten years after the date of shipment. The obligation of this warranty is to replace the defective glass, F.O.B. manufacturer's warehouse, but in no event shall Vetrotech Saint-Gobain be responsible to cover any cost of removal, installation or reinstallation, loss of

use, incidentals or any consequential cost associated with defective product. Any glass replaced under this warranty is limited to the original warranty period and shall not be extended beyond the original five or ten years.

Vetrotech Saint-Gobain makes no warranty of merchantability nor that the product is fit for any particular purpose for use and no other warranty than the abovementioned warranty of any kind, expressed or implied.

- 3. Transportation and Storage Conditions: Transport and storage of CONTRAFLAM®, SWISSFLAM®, CONTRAFLAM® STRUCTURE, KERALITE®-ULTRA products must be in a vertical and dry state and at temperatures above 14°F (-10°C) and below 113°F (45°C). Extreme climatic conditions and exposure to direct sunlight or other heat sources must be avoided. When glass is installed in a not temperature controlled building, above storage conditions apply likewise.
- 4. Handling and Installation Requirements: The product warranty is subject to CONTRAFLAM®, SWISSFLAM®, CONTRAFLAM® STRUCTURE, KERALITE®-ULTRA glass having been handled and installed in accordance with published instructions. It is essential that glazing contractors or other handlers or installers be familiar with such instructions. All subsequent product processing, additions or alterations not authorized and monitored by Vetrotech Saint-Gobain are specifically prohibited. If the products are used in fire-rated applications not covered by Vetrotech Saint-Gobain product specifications, all warranty is null and void.

All notes and instructions on labels must be respected. If adhesives or sealing materials are applied during installation, compatibility must be verified and confirmed with Vetrotech Saint-Gobain beforehand or all warranty is null and void.

5. Product Use: CONTRAFLAM®, SWISSFLAM®, CONTRAFLAM® STRUCTURE, KERALITE®-ULTRA products must be used in temperature controlled environments ensuring a maximum glass temperature range between 14°F (-10°C) and 113°F (45°C). All circumstances resulting into heat build-up of the glass caused by window blinds, curtains, etc. must be avoided.



KERALITE® SELECT-F/ KERALITE SELECT-L / KERALITE®-R / KERALITE®-F / KERALITE®-L

1. General: This document applies to KERALITE® Select-F, KERALITE Select-L, KERALITE®-R, KERALITE®-F, KERALITE®-Lofall fire ratings including their combination in insulated glass units. When fire-resistant glass is used, it is assumed that the buyer will incorporate KERALITE® Select-F, KERALITE Select-L, KERALITE®-R, KERALITE®-F, KERALITE®-L glass into glazing systems approved by a valid and independent institution, e.g. UL/Underwriters Laboratories. Copies of authorized listing and specifications, as well as instructions for handling and installation are available online at vetrotechusa. com, or by calling 1-888-803-9533.

Vetrotech Saint-Gobain makes no express or implied representation or warranty as to the fitness, merchantability, or any matter with respect to the KERALITE® products whether used alone or in combination with any other material or equipment. All warranties, including merchantability, are excluded. KERALITE® products are engineered specialty fire resistant glazing materials. Certain optical and visual faults are inherent to the production process. These characteristics may be evaluated according to the manufacturers quality standards, but do not affect the performance of the glass in case of fire, and shall not be considered cause for rejection.

- 2. Limited 10 Year Warranty KERALITE® IGU Products: When assembled to an Insulated Glass Unit (IGU), Vetrotech warrants only that its KERALITE® Select-F IGU, KERALITE®-R IGU, KERALITE®-F IGU, KERALITE®-L IGU will be free of substantial obstruction of vision from dust, film formation or moisture accumulation between the sealed glass lites resulting from perimeter seal failure due to defective materials or workmanship for a period of ten (10) years from the date of shipment.
- 3. Limited 5 Year Warranty KERALITE® Select-L, KERALITE®-L: Vetrotech Saint-Gobain warrants only that its KERALITE® Select-L and KERALITE®-L will be free of manufacturing defects resulting in substantial obstruction of vision from dust or other foreign substances due to defective materials or workmanship for a period of five (5) years from the date of shipping. The remedy for product proved to be defective under the terms of this warranty is limited to the replacement of product.
- 4. Limited 3 Year Warranty KERALITE® Select-F, KERALITE®-F: Vetrotech Saint-Gobain warrants only that its KERALITE® Select-F and KERALITE®-F fire rated

glazing surface-applied film will maintain peel adhesion without peeling, cracking, crazing, delaminating or discoloring for a period of three (3) years from the date of shipping. Iridescence of the surface-applied film can occur and become noticeable by certain types of lights and viewing angles. Incident light waves from fluorescent light sources and dark backgrounds can amplify the effect. Iridescence is inherent to the product, but does not affect the performance of the glass in case of fire, and shall not be considered cause for rejection. The remedy for product proved to be defective under the terms of this warranty is limited to the replacement of the surface-applied film.

This warranty shall not apply if the failure is caused by acts of God, intervening cause, mishandling, misuse, abuse, improper installation, installation by unqualified glaziers or by any other cause whatsoever not within our exclusive control, and shall not apply unless the failure occurs within the warranted period. The obligation of this warranty is to replace the defective film or glass, F.O.B. manufacturer's warehouse, but in no event shall Vetrotech Saint-Gobain be responsible to cover any cost of removal, installation or reinstallation, loss of use, incidentals or any consequential cost associated with defective product. Any glass replaced under this warranty is limited to the original warranty period and shall not be extended beyond the original warranty period.

- 5. Transportation and Storage Conditions: Transport and storage of KERALITE® Select-F, KERALITE® Select-L, KERALITE®-R, KERALITE®-F, KERALITE®-L products must be in a vertical and dry state. Extreme climatic and weather conditions must be avoided.
- **6. Handling and Installation Requirements:** The product warranty is subject to KERALITE® Select-F, KERALITE® Select-L, KERALITE®-R, KERALITE®-F, KERALITE®-L glass having been handled and installed in accordance with published instructions. It is essential that glazing contractors or other handlers or installers be familiar with such instructions. All subsequent product processing, additions or alterations not authorized and monitored by Vetrotech Saint-Gobain are specifically prohibited. If the products are used in fire-rated applications not covered by Vetrotech Saint-Gobain product specifications, all warranty is null and void.

All notes and instructions on labels must be respected. If adhesives or sealing materials are applied during installation, material compatibility must be verified and confirmed with Vetrotech Saint-Gobain beforehand or all warranty is null and void.

