

Engineering progress
Enhancing lives

REHAU PEX_a limited warranty

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PIONEERING PEX_a SOLUTIONS SINCE 1968

REHAU crosslinked polyethylene (PEX_a) pipes are backed by more than 45 years and more than 1 billion feet (300 million meters) of installation experience worldwide.

As the central component in our ever-expanding range of sustainable building technologies, REHAU PEX_a pipes address some of our world's greatest challenges – rising energy costs, water shortages and decaying infrastructure.

Dear Property Owner:

As the owner of a REHAU crosslinked polyethylene (PEXa) piping system, you play an important role in ensuring proper operation over the lifetime of the system and ensuring that REHAU's PEXa limited warranty remains in effect. We recommend that you adhere to the following guidelines.

- Consult with a licensed professional contractor to develop the appropriate inspection and maintenance schedule for your system.
- Perform visual inspection, at least annually, of all accessible system components to ensure products are functioning as intended.
- Do not modify or alter the piping system. Only a licensed professional contractor who is familiar with its operation should service or alter the system.
- Follow all manufacturer recommendations for service and operation.
- Do not expose REHAU products to harmful chemicals, oil or petroleum products, paint, adhesives, solvents, household cleaners or aggressive water.
- Ensure that REHAU PEXa pipe is insulated or concealed to protect it from exposure to UV radiation from sunlight or artificial sources.
- Do not expose the piping system to freezing conditions. If the system will remain inoperative for a period of time, arrange for the proper winterization of the system by a licensed professional contractor. For heating and geothermal applications, if freezing conditions are likely to occur, then a freeze protection fluid should be used.
- Do not allow the piping system to be exposed to temperatures and pressures above those printed on the pipe.
- Use caution when drilling or nailing into the area where the REHAU PEXa pipes are installed. Identify the location of the pipes to ensure that nails or screws do not puncture the pipe.
- Use caution when digging in the vicinity of REHAU PEXa pipes as you would with any buried utility system.

Any updates to this publication will be available at **www.na.rehau.com/warranties**.

Sincerely,

REHAU

REHAU PEXa Limited Warranty

Subject specifically to the terms of this Limited Warranty, including the General Warranty Terms set forth below, REHAU Construction LLC or REHAU Industries Inc., as applicable, ("REHAU") warrants solely and specifically to the owner of the applicable real property at the time of the installation that the REHAU Products listed below shall be free from defects in materials and workmanship under normal conditions. Terms in *italics* shall have the meanings set forth below in the Definitions section.

This Limited Warranty for the applicable REHAU *Products* shall commence on the date the *Product* was sold by REHAU ("Commencement Date") and will expire after the following number of years:

Application-Specific Limited Warranties

Radiant Heating/Cooling, Snow and Ice Melting, Turf Conditioning

(i) *Pipe* sold as RAUPEX® or RAUTHERM™ for a period of twenty-five (25) years; and (ii) *Compression-sleeve System* for a period of twenty-five (25) years; and (iii) EVERLOC+® *Compression-sleeve System* for a period of twenty-five (25) years; and (iv) REHAU F1960 System for a period of twenty-five (25) years; (v) *Other REHAU Fittings* for a period of five (5) years; and (vi) *Hardware* for a period of two (2) years; and (vii) EVERLOC+ *Compression-sleeve Tools* for a period of two (2) years; and (viii) *Compression-sleeve Tools* for a period of one (1) year.

Geothermal Ground Loop Heat Exchange

(i) *Pipe* sold as RAUGEO™ *Pipe* for a period of twenty-five (25) years; and (ii) *U-bends* for a period of twenty-five (25) years; and (iii) *Compression-sleeve System* for a period of twenty-five (25) years; and (iv) *PP Manifolds* for a period of two (2) years; and (v) *Other REHAU Fittings* for a period of five (5) years; and (vi) *Hardware* for a period of two (2) years; and (vii) *Geothermal Accessories* for a period of one (1) year; and (viii) *Compression-sleeve Tools* for a period of one (1) year.

PEX Plumbing

(i) *Pipe* sold as RAUPEX for a period of twenty-five (25) years; and (ii) EVERLOC+ *Compression-sleeve System* for a period of twenty-five (25) years; and (iii) REHAU F1960 System for a period of twenty-five (25) years; (iv) *Hardware* for a period of two (2) years; and (v) EVERLOC+ *Compression-sleeve Tools* for a period of two (2) years.

Residential Fire Sprinkler System

(i) *Pipe* sold as RAUPEX for a period of twenty-five (25) years; and (ii) EVERLOC+ *Compression-sleeve System* and FIREPEX® *fittings* for a period of twenty-five (25) years; and (iii) *Hardware* for a period of two (2) years; and (iv) EVERLOC+ *Compression-sleeve Tools* for a period of two (2) years.

Pre-insulated Piping and Outdoor Wood Boiler

For *Pipe with Insulation Cover* sold as INSULPEX® or OWB *Pipe* (i) *Pipe* sold as RAUPEX or RAUTHERM for a period of twenty-five (25) years; and (ii) *Insulation Cover* for a period of one (1) year; and (iii) *Compression-sleeve System* for a period of twenty-five (25) years; and (iv) *Other REHAU Fittings* for a period of five (5) years; and (v) *Hardware* for a period of two (2) years; and (vi) *Compression-sleeve Tools* for a period of one (1) year.

General Warranty Terms

All of the above Application-Specific Limited Warranties are subject to the following General Warranty Terms:

This Limited Warranty only applies to *Products* sold by REHAU. In order for this Limited Warranty to apply: (i) the handling, use, installation and maintenance of *Products* must continually comply with REHAU technical requirements as set forth in *REHAU Technical Guidelines*; (ii) design, installation, inspection and testing of the system, including testing under pressure of *Products* after installation, must have been carried out in accordance with applicable building, mechanical and electrical codes and industry accepted guidelines; (iii) installation of *Products* must have been carried out by a registered and licensed installer; (iv) *Products* must not be damaged during or after installation from freezing, improper backfill or grouting, or any other circumstances beyond the control of REHAU; (v) *Products* must not be damaged by tear, break or other stress due to concrete stress cracks or any other external forces; (vi) *Products* must not be subjected to damage or wear caused by abnormal operating conditions, accident, abuse, misuse, unauthorized alteration or repair; (vii) *Products* must not be exposed to ultraviolet light beyond the published UV exposure limits; (viii) *Products* must not be exposed to temperature and/or pressure conditions beyond those expressly permitted in *REHAU Technical Guidelines*; (ix) *Products* must not be exposed to harmful chemicals, aggressive or corrosive water conditions or any external influences that cause damage to the *Products*; (x) *Products* must be stored in a clean, dry environment; and (xi) *Products* must be installed for their intended use and in the applications defined by the applicable *REHAU Technical Guidelines*, (xii) *Pipes* in permitted *Elevated Temperature Applications* must have the operating temperature conditions verified according to the *REHAU Technical Guidelines*; and (xiii) there shall be no warranty provided by REHAU on the EVERLOC+ *Compression-sleeve System* or the REHAU F1960 System if not connected together with REHAU *Pipe* in the installation.

This Limited Warranty may be assigned only by the original owner of the applicable real property and may not be assigned or transferred after the period ending ten (10) years following the Commencement Date.

THE LIMITED WARRANTY HEREIN PROVIDED IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED ON THE PART OF REHAU. REHAU DISCLAIMS ANY WARRANTY, EXPRESSED OR IMPLIED, OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

In order to make a claim under this Limited Warranty, REHAU must be informed immediately and no later than thirty (30) days after the occurrence of an event giving rise to a breach of the Limited Warranty and while the damaged portion of the project is still open for inspection to enable REHAU to determine whether REHAU has any liability for the defective *Product*. If this notice is not given, and inspection is not possible, then this Limited Warranty is void. Additionally, in order for this Limited Warranty to be valid, at the request of REHAU, a claimant will provide a sample of the allegedly defective product to REHAU for examination.

If a *Product* is defective, REHAU's liability shall be limited, at REHAU's option, to replacing or repairing the defective *Product* in question or providing a refund of the defective *Product's* purchase price. REHAU will not be liable for any costs of labor, removal, reinstallation, transportation, or any other charges which may arise in connection with a warranty claim. THE SOLE AND EXCLUSIVE REMEDY PURSUANT TO ANY CLAIM OF ANY KIND, INCLUDING BUT NOT LIMITED TO A CLAIM IN CONTRACT, NEGLIGENCE OR STRICT LIABILITY, AGAINST REHAU OR ANY OF REHAU'S AFFILIATES, SHALL BE LIMITED TO THE LIMITED LIABILITY OF REHAU DESCRIBED IN THIS PARAGRAPH. REHAU SHALL NOT BE HELD RESPONSIBLE FOR DAMAGE TO PERSON OR PROPERTY, INCIDENTAL OR CONSEQUENTIAL LOSS, LOSS OF PROFIT, LOSSES ON GOODS IN STORE OR THE LIKE, IRRESPECTIVE OF THE CAUSE.

SOME STATES AND PROVINCES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES AND SOME STATES AND PROVINCES DO NOT ALLOW LIMITATIONS ON HOW LONG IMPLIED WARRANTIES MAY LAST. THEREFORE, THE LIMITATIONS OR EXCLUSIONS ABOVE MAY NOT APPLY TO YOU. THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY ALSO HAVE OTHER LEGAL RIGHTS WHICH VARY BY STATE OR PROVINCE.

Any action for breach of warranty must be commenced within one (1) year of the date of the breach of warranty, unless such limitation is barred by law. This limited warranty applies to the United States and Canada, other than the Province of Québec.

Definitions

For purposes of this Limited Warranty, the following definitions shall apply:

- *Compression-sleeve System*: F2080 and SDR11 cold-expansion compression-sleeve fittings and sleeves
- *Compression-sleeve Tools*: Assembly tools for use with *Compression-sleeve System* exclusive of plastic pipe cutters and *OEM Batteries and Chargers*
- *Elevated Temperature Applications*: Applications where the operating conditions are greater than 180°F (82.2°C)
- *EVERLOC+ Compression-sleeve System*: Cold-expansion compression-sleeve fittings and sleeves
- *EVERLOC+ Compression-sleeve Tools*: Assembly tools for use with *EVERLOC+ Compression-sleeve System*; exclusive of plastic pipe cutters and *OEM Batteries and Chargers*.
- *FIREPEX Fittings*: EVERLOC+ compression-sleeve fittings for use in residential fire sprinkler systems.
- *Geothermal Accessories*: Bulkhead seals, ball valves, flow gauges, tridicators
- *Hardware*: Brass and stainless steel manifolds, distribution headers, thermostats, other installation tools, valve actuators and electronic controls
- *Insulation Cover*: Thermal insulation and/or outer casing surrounding Pipe
- *OEM Batteries and Chargers*: Original Equipment Manufacturers' warranty, terms and conditions apply
- *Other REHAU Fittings*: Other types of fittings used for connecting Pipe not including the *Compression-sleeve System* or *EVERLOC+ Compression-sleeve System*
- *Pipe*: REHAU crosslinked polyethylene (PEXa) pipe
- *PP Manifolds*: Fused polypropylene header with polypropylene drops exclusive of ball valves, flow gauges, tridicators, fittings and brackets
- *Product(s)*: *Compression-sleeve System*, *EVERLOC+ Compression-sleeve System*, *Hardware*, *Insulation Cover*, *Other REHAU Fittings*, *Pipe*, *PP Manifolds*, *Tools* and *U-bends* referenced individually or collectively
- *RAUGEO Pipe*: Pipe for geothermal ground loop heat exchange applications, including RAUGEO double *U-bend*, single *U-bend* and Collect
- *REHAU F1960 System*: Cold expansion fittings and rings per ASTM Standard F1960
- *REHAU Technical Guidelines*: The most current and applicable versions of all the technical literature available on the REHAU North America website at na.rehau.com/resourcecenter, including but not limited to technical manuals, installation guides, technical bulletins, submittals and REHAU Academy training presentations
- *U-bend(s)*: The tip of a RAUGEO double or single *U-bend*, consisting of *RAUGEO Pipe* reinforced with a polyester resin casing

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