



Cold Weather Precautions for ARDEX and HENRY Products

With winter approaching, we are writing to clarify our recommendations for storage, transport and installation of ARDEX and HENRY products during the colder months.

General Information

Ideal storage and installation temperatures are detailed in the technical data sheet for each product. Never install ARDEX or HENRY products at substrate or ambient temperatures below 50°F (10°C). Note that, the colder the substrate and ambient temperatures, the longer the drying and/or cure times will be. Ensure that products are dried and/or cured prior to proceeding with subsequent installations and/or opening to traffic. Facilitate drying by circulating the air above the surface; do not blow air directly on the surface.

Liquids (Moisture Control Products, Primers, Additives and Sealers)

These products should not be allowed to freeze. If you suspect that a liquid has been frozen, do not use, and dispose of the damaged materials properly. Alternatively, the ARDEX Research & Development Department can evaluate the material to determine if it has been compromised.

Powders

While these products are stable to freezing temperatures, it is advisable to store them at temperatures above 50°F (10°C). When very cold, the polymers in the products do not perform as stated, possibly resulting in a product failure. Additionally, the products may not have a workable consistency and will take longer to set.

Do not install if ambient temperatures will fall below 40°F (5°C) within 48 hours after installation. Do not try to compensate for cold installation temperatures by using warm mix water as this will impair the workability of the products.

At the conclusion of pump installations, be sure to drain all the water from the pump, including the flow tube. Failure to do so may result in freezing, which may damage sensitive components.

Adhesives

While most HENRY adhesives are freeze/thaw stable (see the technical data sheets at www.wwhenry.com), it is necessary to protect them from excessively low temperatures and multiple freeze/thaw cycles. For best results, ship in heated trucks, and store in heated facilities. Even a freeze/thaw stable adhesive may exhibit reduced performance if it has been exposed to temperatures below 10°F (-12°C).

Never apply heat directly to frozen products. If frozen, thaw at 72°F (22°C) for 12-24 hours. Stir, and inspect the adhesive visually. If no strings or lumps are present, and the adhesive is smooth and creamy, it likely can be used.



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In all cases, a HENRY adhesive should be acclimated to at least its minimum installation temperature for 48 hours before, during and for 48 hours after installation. For HENRY 263, the minimum installation temperature is 40°F (5°C). For all other HENRY adhesives, the minimum installation temperature is 65°F (18°C).

If you have any questions on this information, please contact the ARDEX Technical Service Department.

A handwritten signature in black ink, appearing to read "Seth Pevarnik".

Seth Pevarnik
Director of Technical Services

ARDEX AMERICAS 400 ARDEX Park Drive Aliquippa PA 15001
P: 724-203-5000 F: 724-203-5001 www.ardexamericas.com