

## TECHNICAL INFORMATION

### *Cold Weather Applications*

1. **MULTIURETHANES** products may be used during cold weather, subject to minimum substrate temperature of 0°C.
2. Substrate temperatures are measured by drilling a 3/8" probe hole into the substrate and using a dial thermometer with a 120 mm (5") temperature sensor probe. Such thermometers are stock items at our warehouse locations.
3. The viscosities of **MULTIURETHANES** products increase at colder temperatures. To compensate for higher product viscosity due to colder temperatures, portable electric pail heaters are used to warm injection products prior to use. Such heaters are stock items at our warehouse locations.
4. Viscosity reducing chemicals, such as MEK, may be used with **FLEXIBLE**, **UNIVERSAL** or **MULTI-GEL** without affecting the performance of these materials. Typical dosages are between 5 - 10%, depending on site conditions. **MULTIURETHANES** maintains warehouse stock of MEK in 4 litre bottles.
5. Product reaction and curing times will be extended at colder temperatures. The use of increased accelerator dosage is recommended under such conditions. Consult product data sheets for maximum recommended dosages or call **MULTIURETHANES** for technical assistance.



*At this cold weather job site, grouting crews were protected from the elements utilizing heated vans and tarps*



*Crews at this potable water reservoir used electric pail heaters to maintain flushing solutions and polyurethane resins at elevated temperatures to combat sub-freezing temperature conditions*

WATER CUT-OFF ● SEWER REHABILITATION ● CONCRETE RESTORATION ● CRACK INJECTION ● WATERPROOFING