

## Installing New Construction Fittings in Cold Climates

### Bulletin Description

- **Proper heat curing of epoxy in cold weather conditions.**
- In weather conditions below 50°F, heat will be needed to cure epoxy used for the installations of Bravo full body fittings and test reducers. However, do not heat the fitting above **150°F**. Extremely high temps can damage entry fittings and cause test ports to leak.

**Do not use NOV heat blankets directly on full body fittings. These greatly exceed the allowable installation temperature and will damage the fitting bodies as well as the test ports.**

Recommendation: Sustain heat on the entire interior of sump until full cure cycle has been achieved.

Warning: Before applying heat make sure LEL are measured and are at safe levels.

Tip: Use an IR temperature gauge to measure surface temperature of sump and fittings.

- 1) Pre-heat sump and fitting to a maximum of 150°F.
- 2) Pre-heat Bravo epoxy to a maximum of 100°F.
- 3) Apply Bravo epoxy to the fitting per installation guide.
- 4) Sustain temperature of fitting/adhesive following cure charts.
- 5) Do not move or adjust sumps or fittings during cure cycle.
- 6) Make sure the adhesive is fully cured before conducting a testing following epoxy manufacturers' guidelines.

For questions and more information, please contact your  
Bravo Regional Sales Manager or Customer Service  
800.282.7286.

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