



We make
highways
talk™

PU200



Piezo Installation Resin

PU200 is a two part resin (Polyurethane Resin and Polyurethane Hardener) developed for installing various types of sensors into the road, whether they are enclosed or are designed to go straight into the road.

Approximately one resin kit is required for one 6 foot piezo film or cable sensor.

Features

- Non toxic/hazardous
- Winter & summer grades available - works in below freezing conditions
- Flexible, resists cracking with wear
- Adheres to most surfaces
- Quick curing time, traffic ready in approximately one hour
- One kit per six foot sensor



PU200 - Piezo Installation Resin

Data Collection

PU200 comes in two parts, one part resin and one part hardener. These two components are pre-measured in separate cans so there is no need for calculating a mix ratio. Once the site is prepared, simply mix the two parts for the specified time and the resin is ready. The resin pours smoothly into the prepared slot and self levels for an even finish. In approximately one hour the resin cures to a black finish and is traffic ready.

To enable installations to be carried out all year round, a winter version (outside temperature below 40° F) and a summer version (outside temperature above 40° F) are available. The low heat reaction that is caused while mixing will not melt sensors or lead-in wire.

Technical Data	
Combined Color	Black
Density	
Resin:	1.86
Hardener:	1.23
Combined:	1.74
Viscosity	
Resin:	550-700 poise at 20°C to 25°C
Hardener:	2-3 poise at 20°C to 25°C
Combined:	400-500 poise at 20°C to 25°C
Pot Life	8-15 min. at 15°C to 25°C (150 g mass)
Set Time	10-15 min. at 15°C to 25°C (150 g mass)
Full Cure Time	48 hours
Peak Exotherm	60°C (150 g mass)
Shore Hardness (24 hours at room temperature)	D75



Corporate Office

702 - 43rd Street East
Saskatoon, Saskatchewan
Canada S7K 3T9
Tel: +1(306) 653-6600
Fax: +1(306) 242-5599
Toll Free: 1-877-444-4IRD (4473)
Email: info@irdinc.com

U.S. Office

2402 Spring Ridge Drive, Suite E
Spring Grove, IL
USA 60081
Tel: +1(815) 675-1430
Fax: +1(815) 675-1530

Find out more about IRD on our website: www.irdinc.com

IRD products and components are protected by one or more worldwide patents and/or trademarks. IRD reserves the right to change, modify, or improve its products at any time without notice.

PRINTED IN CANADA

