

# HPP - 90

## PRODUCT DESCRIPTION

NeoChem HPP - 90 is a two component, high-performance, semi-rigid Polyurea used for filling horizontally placed control and construction joints in concrete slabs. NC HPP - 90 is 100% solids, VOC free, rapid setting formula, provides extended shave window, excellent UV resistance, and no sensitivity to moisture. NC HPP - 90 supports and protects joint shoulders against heavy loads, wheel traffic, reduces spalling, chipping, and breaking while sealing out moisture and dirt.

## SHIPPING AND HANDLING GUIDANCE

### Material Handling:

NeoChem HPP is packaged in plastic pails that are subject to damage if mishandled. HPP pails may be punctured and/or the seal may be broken if handled inappropriately. Do not allow either A-ISO or B-POLYOL to freeze during storage or during transportation to/from a project. A heated transportation vehicle or carrier may be necessary depending on weather conditions.

### Maintaining Appropriate Temperature Before and During Use:

Both A-ISO and B-POLYOL material should be checked to verify they are at the same temperature above 65 and below 85 degrees Fahrenheit before and during use. If the temperature of material is not maintained within the recommended temperature range, fluid viscosity could cause mixing issues and pump failure. Products may be used in freezer environments and hot conditions provided the material is between the recommended range 65 – 85 degrees Fahrenheit immediately before usage. It is recommended to maintain the material at or as close as possible to 85 degrees Fahrenheit immediately before usage in freezer environments and at or as close as possible to 65 degrees Fahrenheit immediately before usage in hot environments.

### Mixing Before and During Use:

Both A-ISO and B-POLYOL material should be mixed with a low viscosity mixing paddle before transferring into pump holding containers. DO NOT cross-contaminate by using the same mixing paddle in both pails. If this happens, the entire kit will be ruined. Following pre-mixing, add colorant to B-POLYOL and mix until consistent pigment is achieved – typically accomplished in 1.5 – 2 minutes. During installation, it is always best to continue pumping until all product is used in both reservoir holding containers. If work is stopped while material reservoirs contain material, cover reservoirs to keep airtight and track the time material is held dormant. If work does not restart within 2 hours, re-mixing is recommended.

# HPP

## Equipment and Installation:

Portable Polyurea Dispensing Equipment, aka Poly Pump, must be in good operating condition. HPP must be installed at a 1:1 ratio. Stop use immediately if the pump dispensing ratio is not achieving 1:1 while in use. Use a high-quality Static Mixing Tube that is ½ inch ID with 30 elements. If idle for more than a few seconds while in the process of dispensing, material will begin to cure in the end of the mixer. Stop pumping and replace Static Mixer if material has cured in the end of the Static Mixer causing blockage.

Depending on joint depth and width, filling in 2 passes may be necessary to avoid air entrapment.

Material may cause staining. Planning for protecting joint shoulders may be necessary.

### TECHNICAL ASSISTANCE

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#### Corporate Office

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### TECHNICAL & SAFETY LITERATURE

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To acquire additional information or technical and safety literature contact our office or visit our website: [WWW.NCINFUSION.COM](http://WWW.NCINFUSION.COM)

### LIMITED WARRANTY

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NeoChem warrants this product to be free from defects in the material(s) that affect its performance for a period of 1 year (from date of purchase). NeoChem will replace at no charge the quantity of the Product that NeoChem determines has failed to perform as the sole and exclusive remedy for any breach of this warranty and/or any other defect or failure of the Product. Proof of purchase is required. Cost of labor for application of any product specifically is excluded.

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