

# DE NEEF<sup>®</sup> Cut Cat Fast and Extra Fast PURe

## Product Description

Cut Cat Fast and Extra Fast PURe are designed to be mixed with Cut PURe to allow for faster reaction times in applications involving the cut-off of gushing water with a high to very high pressure and speed. Cut Cat Fast and Extra Fast PURe are recommended for use in cold temperatures when the use of the standard Cut Cat PURe does not result in a fast enough reaction.

Cut Cat Fast and Extra Fast PURe are used at a 10% mixing ratio. Both are non-flammable, solvent free, and phthalate free. Final foam is resistant to most organic solvents, mild acids, alkaloids and microorganisms.

Cut Cat Fast and Extra Fast PURe have very fast reaction times, less than 60 seconds in salt water at 27°F.

## Product Applications

- Sealing larger volume leaks thru concrete cracks and fissures
- Cold Weather Grouting

## Properties

| CUT CAT FAST PURE       |                         |              |
|-------------------------|-------------------------|--------------|
| Viscosity               | 20 cp at 77°F           | ASTM D2196 A |
| Color                   | Transparent Red Liquid  |              |
| Density                 | 0.973 g/cm <sup>3</sup> |              |
| Flashpoint              | 257°F                   | ASTM D93     |
| Cut Cat Extra Fast PURe |                         |              |
| Viscosity               | 20 cp at 77°F           | ASTM D2196 A |
| Color                   | Transparent Red Liquid  |              |
| Density                 | 1.000 g/cm <sup>3</sup> |              |
| Flashpoint              | 257°F                   | ASTM D93     |

## Product Advantages

- Faster reaction times for Cut PURe.
- Enhanced cold weather reactivity.
- Phthalate free, unregulated for transport and storage.

## Installation Guidelines

**Warning:** Consult the Technical Data Sheets and SDS before using.

**Installation Instructions:** For detailed installation instructions refer to the DE NEEF® technical data sheet for Cut PRe.

1. Shake catalyst can 2-3 minutes.
2. Do not pour catalyst directly into original grout container.
3. Pour the desired amount of Cut PRe into a clean pail.
4. Measure the appropriate amount of Cut Cat Fast or Extra Fast and pour it into the grout and stir until adequately mixed.
5. Never use more than the 10% of Cut Cat Fast or Extra Fast. Excess acceleration will cause vigorous expansion that is prone to shrinkage.

During injection the grout will follow the path of least resistance.

When the material has stopped penetrating it will continue to expand against the confines of the crack/joint and compress within itself, forming a very dense, closed cell material stopping the leak.

**Extreme conditions:** For application procedures in extreme temperatures and specific environments or equipment recommendations call the DE NEEF® Technical Service Department.

**Cleaning:** Clean all tools and equipment which have been in contact with the resin with DE NEEF® Washing Agent before resin has cured. Products should be disposed of according to local, state, and federal laws.

## Packaging & Handling

Cut Cat Fast and Extra Fast PRe:

- 32 oz. metal cans.
- 5.0 gallon metal pail

Cut Cat Fast and Extra Fast PRe are sensitive to moisture and should be stored in the original containers in a dry area. Storage temperature must be between 40°F and 90°F. Once the packaging has been opened, the useful life of the material is greatly reduced and should be used as soon as possible.

Shelf life: 2 years.

## Health and Safety

Always use protective clothing, gloves and goggles consistent with OSHA regulations. Avoid eye and skin contact. Do not ingest. Refer to SDS. For emergencies, call CHEMTREC 1-800-424-9300.

## Limitations

Please do not exceed the recommended catalyst ratio.

CAUTION: pH NOTICE. Water used to activate PRe Grouts must be in the pH range of 3-10 for optimum foam quality.

## Reaction Times

### 10% Cut Cat Fast PRe

| T    | START | END   | FOAM FACTOR |
|------|-------|-------|-------------|
| 27°F | 30"   | 1'40" | 20V         |
| 40°F | 28"   | 1'25" | 26V         |
| 50°F | 26"   | 1'23" | 26V         |
| 60°F | 23"   | 1'20" | 28V         |
| 68°F | 23"   | 1'20" | 30V         |
| 77°F | 20"   | 1'20" | 32V         |

10% = 64 oz per 5 gallons of Cut PRe

## Reaction Times

### 10% Cut Cat Extra Fast PRe

| T    | START | END   | FOAM FACTOR |
|------|-------|-------|-------------|
| 27°F | 25"   | 1'15" | 24V         |
| 40°F | 23"   | 1'10" | 28V         |
| 50°F | 23"   | 1'10" | 28V         |
| 60°F | 23"   | 1'05" | 30V         |
| 68°F | 20"   | 1'05" | 30V         |
| 77°F | 18"   | 1'05" | 32V         |

10% = 64 oz per 5 gallons of Cut PRe

[ca.gcpat.com](http://ca.gcpat.com) | North America customer service: 1-877-4AD-MIX (1-877-423-6491)

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