



# INSULATING GROUT

The STEBBINS Engineering and Manufacturing Company  
Watertown, NY USA  
<http://www.StebbinsEng.com>

## PRODUCT INFORMATION

### DESCRIPTION

STEBBINS' Insulating Grout is similar to Nurofast 52 with the benefit of the ability to pour an insulative, chemical-resistant, highly resilient material into wall cavities between process resistant masonry and a vessel shell. This ability to combine a chemical resistant barrier and insulation makes it an ideal solution in tanks where insulation is required. It has displayed outstanding performance in Chlorine Dioxide vessels, with its insulating properties outperforming the previous external insulation/cladding but allows easy annual inspection of the exposed exterior metal shell.

Insulating Grout is solvent-free and cures in ambient temperatures. Insulating Grout is supplied in two (2) parts - liquid and hardener, for mixing at the time of use.

### COMPONENT PACKAGING

A unit of Insulating Grout is supplied as two (2) separately packaged components, packaged by weight.

### TYPICAL PHYSICAL PROPERTIES

<b>Color</b>	Light Tan
<b>Density</b>	38 – 40 lb/ft <sup>3</sup> (609 – 641 kg/m <sup>3</sup> )
<b>Thermal Conductivity (ASTM C-1113)</b>	0.86 Btu-in/ft <sup>2</sup> -hr-°F (0.12 W/m-°C)

### WORKING AND SETTING TIMES (TYPICAL)

Temperature	50°F (10°C)	70°F (21°C)	90°F (32°C)
Working Time	100 minutes	35 minutes	20 minutes
Setting Time	4 hours	2 hours	50 minutes
Full Cure	96 hours	36 hours	24 hours

### APPLICATION

Insulating Grout can be poured in a variety of voids but is typically used as an insulative, resilient and chemical resistant grout backing for acid resistant masonry.

### STORAGE

Do not store in direct sunlight. Store in a cool, dry area.

Keep the containers dry and the lids closed tight.

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### **SAFETY PRECAUTIONS/DISCLAIMER**

Mixes and applications of this product present a number of hazards. The buyer and user must read and follow the hazard information, precautions and first aid directions on the individual product labels and safety data sheets before using.

All data contained in this Product Information sheet are averaged results of ASTM tests on laboratory prepared samples. Reasonable variations can be expected. The data should not be used for specification purposes.

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**End of PI-54**