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## *Tech & Data Sheet*

# SPRAY GROUT RESIN

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### **PRODUCT DESCRIPTION**

**Spray Grout Resin** is an acrylic copolymer emulsion designed specifically to lend with cementitious mixtures to greatly increase the bond strength as well as the flexural and tension strength of concrete and overlays.

### **BENEFITS**

- **Increases adhesion by over 50%, flexural strength by 60%, and tensile strength by 50%.**
- **Ease of mixing.** **Spray Grout Resin** can be diluted with water and mixed directly with the concrete to achieve the desired consistency.
- **Increased bond strength and flexibility greatly reduce the occurrence of stress cracks.**
- **Water permeability is reduced** – less than 1/3 of non-modified concrete or overlays. Therefore, freeze thaw damage due to moisture absorption is greatly reduced or eliminated.
- **Less damage due to temperature changes** – The added flexibility helps to reduce delamination due to lateral movement and shear stresses.
- **Spray Grout Resin** does not interfere with color additives, color hardener or concrete stains.

### **ENVIRONMENTAL IMPACT**

**Spray Grout Resin** contains no heavy metal additives or other environmentally harmful ingredients.

### **APPLICATION**

**Spray Grout Resin** is used as an adhesion additive to concrete and two component overlay products for driveways, bridges, decks, commercial flooring and spalled concrete repairs and similar areas where long term durability and low maintenance is a primary concern.

### **HOW TO USE**

Dilute **Spray Grout Resin** 1:1 with water and use in place of water to make up the concrete or overlay.

### **PROPERTIES**

**Type:** Acrylic copolymer emulsion additive  
**Color:** White  
**Odor:** Low  
**Toxicity:** Non-toxic – Do not take internally  
**Flammability:** Non-flammable  
**VOC's:** Very Low

Flexural Strength up to 12.4 N/mm

Tensile Strength up to 6.2 N/mm