

# SDI ACRYLO-BOND

ACRYLO-BOND IS AN ACRYLIC COPOLYMER EMULSION DESIGNED SPECIFICALLY TO BLEND WITH CEMENTITIOUS MIXTURES TO GREATLY INCREASE THE BOND STRENGTH AS WELL AS THE FLEXURAL AND TENSION STRENGTH OF CONCRETE AND OVERLAYS.

## ENVIRONMENTAL IMPACT :

Acrylo-Bond contains no heavy metal additives or other environmentally harmful ingredients.

## APPLICATIONS :

Acrylo-Bond 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.

## BENEFITS :

- >Increases adhesion by over 50%, flexural strength by 60%, and Tensile Strength by 50%.
- >Ease of using: Acrylo-Bond can be used directly with the concrete to achieve the desired consistency.
- >Increased bond strength and flexibility: Acrylo-Bond greatly reduces the occurrence of stress cracks.
- >Water permeability is reduced: less than one third 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.
- >Acrylo-Bond does not interfere with color additives, color hardener or concrete stains.

## HOW TO USE :

Use Acrylo-Bond in place of water to make up the concrete or overlay.

## PROPERTIES :

Type: Acrylic copolymer emulsion additive  
Color: White  
Odor: Low  
Toxicity: Non-toxic  
VOC's: Very low  
Flammability: Non-flammable  
Flexural Strength up to 12.4 N/mm  
Tensile Strength up to 6.2 N/mm