



**ZIRCON  
INDUSTRIES  
INC.**

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## LATEX 100 'STATIC DUST CONTROL SEALANT'

### TECHNICAL INFORMATION

- What It Is:** A latex emulsion-based product used primarily to seal road or pile surfaces that will remain undisturbed for a period of days to over 12 months. The *Latex 100* is also used at high dilution ratios for a short-term seal of days to one month.
- How It Works:** *Latex 100* forms a clear, brittle crust on the surfaces to which it is applied, preventing dust from escaping and wind and water from eroding the treated area.
- Where It Works:**
- Static coal piles
  - Fly ash storage areas
  - Open unused lots
  - Open railcar tops
- Where It Doesn't Work:**
- Active mineral or ash piles
  - Haul roads
  - Roads with traffic of any significance
- Characteristics:**
- Water insoluble
  - Long lasting if undisturbed
  - Clean, clear applied appearance
  - Easy to apply and handle
- Winter Prevention Strategy:** Zircon's *Latex 100* has been successfully implemented as a winter strategy to handle cold weather coal. The latex coating will preserve and maintain low moisture for easy handling of coal in winter months.
- Dilution Ratio:** Long Term Storage: 7-12 parts water to 1-part Latex concentrate  
Short Term Rock Dust Binder: As high as 100 parts water to 1-part Latex concentrate