

Wood Tie Plugging Compound

DESCRIPTION

Encore Tie Plugging Foam is a 2 part, 1:1 mix by volume methylene di-phenyl di-isocyanate, MDI, based expanding polyurethane rigid foam product. This product is supplied in liquid form as two separate components and is dispensed from a pressurized dispensing system mixed as it is dispensed. It is designed to fill holes and voids in wooden railroad crossties so that they can be re-spiked or re-lagged without damaging the surrounding wood, in accordance with AREMA chapter 30 requirements.

TYPICAL PROPERTIES Appearance:
Isocyanate (red side) – brown liquid
Polyol (blue side) – clear liquid

AVAILABILITY

Encore Tie Plugging Foam is available in liquid form in 1500ml, 600ml and 200ml Cartridges, 5 gallon pails, 250 gallon plastic intermediate bulk containers (IBC's), or in returnable stainless steel IBC's. Chemicals are shipped in containers with a blanket of nitrogen gas as a protective shield from moisture. Components are sold separately in pails and totes: Foam A refers to (red) isocyanate
Foam B refers to (blue) polyol

APPLICATION

This product is dispensed in liquid form; filling holes approximately 1/2 to 2/3's full. Product will expand in the hole and into voids. This product is heavier than water and if being dispensed into spike holes containing water can be used to displace water.

PRODUCT CURE

Cure time is temperature dependent, typically reacting (foaming) in 30 to 45 seconds and full cure in 4 to 5 minutes. Typical expansion is 40-60%. Applied (final) product density range is 40– 50 lbs/ft³.

STORAGE & HANDLING

Both parts of this foam system should be protected from moisture and temperature extremes. Shipping containers and dispensing equipment are color coated to prevent cross contamination. Product has a one year shelf life when stored properly.

HEALTH & SAFETY

Refer to Safety Data Sheets for this product for detailed safety and health information.

