

EARTH PRO RED DYE

Synthetic Iron Oxide Pigment

OILFIELD CEMENTING COLORANT

Earth Pro Red Dye is a synthetic iron oxide pigment used to colour cement.

Earth Pro Red Dye is a water-dispersible pigment, which can be used as an indicator for determining the pre-flush/cement interface when cementing oilfield casing.

Typical application rates range from 1-2 water soluble bags per cubic meter of pre-flush. Since the product is almost inert, there is little or no effect on cement integrity at the fluid interface. In critical holes, pre-job tests should be conducted to confirm original cement characteristics.

PHYSICAL PROPERTIES:

Appearance: Red powder

CHEMICAL PROPERTIES:

Fe_2O_3 : 92% (min)

$\text{SiO}_2 + \text{Al}_2\text{O}_3$: 4% (max)

MIXING & HANDLING

Earth Pro Red Dye comes in two water-soluble packets (1 Kg each) sealed in a ziplock plastic bag. After removing from the outer ziplock bag, the pigments can be added directly to the displacement fluid. A small amount of agitation will keep the colorant suspended.

Normal safety precautions should be used for handling dusty materials to prevent ingestion or eye irritation. Care should be taken to avoid contact with skin and clothing, as pigment tends to color everything it touches.

WHMIS: Not controlled

TDG: Not regulated

Packaging: 2kg ziplock bag

