

MICA (F,M,C) LOST CIRCULATION MATERIAL

MICA or MUSCOVITE is a naturally-occurring lost circulation material that is supplied in Fine, Medium and Coarse grades. It can be utilized in water-based or oil-based drilling fluids.

FEATURES AND BENEFITS:

- Used to combat lost circulation and as a bridging agent.
- Can be mixed with other materials, such as Nut Plug, Alpha Seal, etc. to formulate “pills” that are spotted across an identified thief zone.
- Is inert and does not react with any other drilling fluid additives.
- Is unaffected by the additions of oil, salts, acids or brines.

RECOMMENDED TREATMENT:

12-18 kg/m³, normally, to combat seepage losses.
Up to 140 kg/m³ when used in lost circulation slurries or pills.

PHYSICAL PROPERTIES:

Appearance:	Grey-black shiny flakes; odourless
Specific Gravity:	2.7 – 2.9
Solubility:	Insoluble
pH:	7 - 8

MIXING/HANDLING:

Mix directly in the active system or pumped as part of a slurry or pill. Refer to the SDS for specific precautions and handling requirements.

MICROTOX® THRESHOLD: TBD

PACKAGING: 25 kg bag / 40 bags/pallet