ELECTRICITY AND LADDERS

What Would Cosmo Do?

Cosmo uses Ladders with Caution

Ladders for the Job

METAL LADDERS
Lightweight and Inexpensive
Cons: Great Conductor of Electricity

WOOD LADDERS
Pros: Non-Conductive
Cons: Heavy, can rot

FIBERGLASS LADDERS
Electrically Non-Conductive
Strong, Lightweight
Cons: Expensive

Steps to Stay Safe:

1. Be trained, know the hazards
2. Maintain clearance from electrical sources
3. Choose the right ladder for the job
4. Inspect ladders before use

5. Use ladders that are clean, dry, and undamaged
6. Don't move ladders in upright position
7. Get help moving ladders
8. Don't touch ladders that have come into contact with an electrical source

Ladder + Electricity Accident

One worker was using a 40-foot metal extension ladder to reach windows. He tried to move the ladder by himself, with the ladder still extended. The ladder was top heavy and it fell backwards while the worker was still holding it. As it fell, the aluminum ladder contacted the overhead power line. He died instantly.

43% of fatal falls involve ladders

https://www.cdc.gov/mmwr/preview/mmwrhtml/mm6316a2.htm

29 CFR 1910.23

Safety Is Everyone's Responsibility

BYU

Risk Management and Safety

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