ATM provides polyurethane based foam compounds that are:

Green and Fire Retardant with outstanding Insulating and Structural properties utilizing refined coal combustion by-products.

FOR:

- Soil Stabilization
- Pipeline coating
- Trench breakers
Intellectual Property

PATENTS

Full patent application 13/181,606 filed July 2011 covering formulations of foam compounds, amended to include pipeline applications in all industries

TRADE SECRETS

Additional formulations and processes are trade secrets
ATM PRODUCTS ARE IDEALLY SUITED FOR KEYHOLE TECHNOLOGIES
Product Innovations

• Use of **clean, processed,** refined coal combustion by-products
• Use of a **green** polyol from plant oils
• **Fire** retardant
• **Non-toxic** emissions and no off-gassing
• Modified formulations to suit applications
ATM FOAM ATTRIBUTE

SPEED

SETS WITHIN SECONDS
ATM FOAM ATTRIBUTE

STRENGTH

STRUCTURAL INTEGRITY UP TO 6,000lbs!
Gas Field Applications

• Soil stabilization and grouting of steel piers
• Erosion control trench breakers
• Rock shield for pipeline
  – Compression tested: 300 psi and 6500 lbs. maximum strain
ADDED CHALLENGES MET BY ATM

• Spraying compounds containing solids through standard spray guns
  – Formulation custom blended

• Applications in locations inaccessible by truck
  – Hand pour bucket kits available
ADDED CHALLENGES MET BY ATM

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Cost Effective Alternative to:

- Labor intensive concrete
- Sand bags
- Hand applied blanket wraps
- Two person crew can spray grout piers in minutes
Summary

• Unique patent pending technology
• Formulations in-place and tested in the field
• Cost effective
• Replaces concrete, sand bags and rock shield blankets
• Suppliers secured
Advanced-Tec Materials LLC

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