



INTRODUCING AXION INNOVATIVE PRODUCTS FOR ROAD AND BUILDING CONSTRUCTION

“SAY BYE BYE to DAMPNESS”

With all-in-one plaster & screeding



Axion Tuffcrete & Liquid Polymer Combo

This is a chemical resistant formulation that offers high tensile strength, with great adhesion to essential construction materials (Steel, Traditional Concrete etc.) yielding roads with a load-bearing capacity of 4,000 tons per square meter. Axion Tuffcrete Combo provides cost saving of about 30% compared to conventional concrete and is 100% waterproof, fireproof, anti-fungal, damp-proof and prevents capillary actions. It can also be used for the construction of concrete roads, swimming pools, flooring, water treatment Tanks, sewage tanks, oil and gas pipeline and gas stations. Overall Tuffcrete has proven to be efficient and cost effective.

100%

Water-Proof, Fire-Proof, Anti Fungal, Damp Resistant Solution for Platering and DPC



Product Features/Advantages

- Waterproof & Fireproof
- Longer Life Expectancy
- Neutralizes Salinity in Sea Water (Salt Resistant)
- More Load Bearing Capacity
- Save on Steel Reinforcement Costs
- Asphalt Layers Can Be Added To It
- Not Affected By Oil And Fuel Spillage
- Repair Old Damaged Concrete
- Flexibility

What Tuffcrete & Liquid Polymer Combo are used For

- Casting of Foundations and Damp Proof Course (DPC)
- All-in-one Plater and Screeding
- For Making Premium Quality Blocks
- Excellent For Construction Concrete Roads
- Engineered Precast & Special Concrete Products
- Water-Proof Concrete Construction
- Decking and Flooring
- Tile Grouting
- Water-Proof POP

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3 Axion Solid Base Stabilizer (SBS)

This is a powerful molecular binding agent used in soil stabilization and earth-work installation. It does not require coarse aggregate as it merely strengthens and improves the natural soil enabling it to achieve load bearing capacities that meet and exceeds international compaction requirements. The Axion Solid Base Stabilizer results in approximately 60% cost savings in construction and maintenance costs.

Save up to 40%

On Road Construction Project While Achieving Roads With Longer Live Span With Axion Road Construction Solution



PRODUCT FEATURES/ ADVANTAGES:

- Strengthens and improves the natural soil enabling it to achieve higher load bearing capacity
- Eliminates the cost of removing and replacing the topsoil
- Eliminates the use of expensive aggregate plus the cost of compacting it.
- Simply stabilizes the natural soil to achieve CBR levels of up to 200%

1 AXTRA QUICK FIX Asphaltic Concrete Liquid Binder (Cold Asphalt)

This innovative product is used as a super binder in making cold asphalt for patching of pot-holes. It can also be used in stabilization of all types of soil yielding long-lasting and stable roads

PRODUCT FEATURES/ ADVANTAGES:

- It does not require construction professionals or expensive contractors to implement.
- Creates job opportunities for youths just after a day's training.
- It does not require any special material or design to make an asphaltic concrete Road.
- Must not use expensive construction equipment (asphalt Plant) for mixing and
- Hot Asphalts are quite hazardous and requires lots of workers and machineries to implement. It is cost effective

2 Axion Bitumen Booster Refiner (PMB)

This product increases the bitumen by 30% and the asphalt by 20% while stabilizing and improving the elasticity from 6% to 79% over a wide range of temperature that allows the asphalt to withstand temperatures ranging between -22° C to +82° C. The benefit of this is that the thickness of Asphalt can be reduced from the standard 6cm to 3cm, producing the same strength and yielding cost savings in the construction.

PRODUCT FEATURES/ ADVANTAGES:

- Eliminates Hair Line Cracks
- 350% Increase in The Asphalt Layers' Life Expectancy
- Reduces Execution Time
- Solution to Rutting problem as it reduces it by up to 84.8%
- Increases Bitumen Volume by over 30%
- Water Resistant
- 100°C Effective Range

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