

SHIELD AWR

LONG TERM, ALL WEATHER STABILISING ADDITIVE AND DUST SUPPRESSANT

BENEFITS

- Increased structural integrity and longevity of gravels used in all civil construction
- Maintains structural integrity in high and low moisture environments
- Minimal to zero surface fines loss (dust)
- Delivers a long term solution to stabilisation and dust suppression projects
- Minimises the requirement for continual watering cycles for dust suppression
- Faster compaction with better workability of gravels with less water
- Reduces material permeability protecting sub grade material
- Does not require special application equipment
- Improves the road running surface in all climatic conditions
- Can be blended in or topically applied depending on application requirements
- Stops binding material types unravelling and frost heave affecting material in cold climates
- Non slippery, non-hazardous and eco-friendly

DESCRIPTION

SHIELD AWR is a unique blend of nano polymers and dispersing chemistry supplied as a free flowing, non-hazardous, eco friendly liquid. It is diluted into water carts and can be sprayed topically or blended into roads, airstrips, hardstand areas, walkways, etc at specific application rates to treat varying material types, traffic loads and volumes, climatic conditions and cost parameters.

SHIELD AWR chemistry supersedes traditional polymer stabilisers and binding agents that are heavy membranes, which tend to become very slippery and dangerous. Our nano (ultra small) particles blended with leading edge dispersing technology allow for better material penetration, blending and compaction.

- Minimises ongoing maintenance
- Can be applied to existing pavements to rejuvenate them and make them dust free.

APPLICATION – TOPICAL / DUST SUPPRESSION

Three 50ml to 150ml applications of **SHIELD AWR** diluted in 500ml of water should be applied per m². Each application should be allowed to dry before the next application.

A single 50ml per m² application of **SHIELD AWR** diluted in 500ml of water can be applied as a maintenance program as required.

The application solution dosage rate is dependent upon the design and performance criteria.

APPLICATION – BLENDED / STABILISATION & DUST SUPPRESSION

A single application of diluted **SHIELD AWR** is applied as the compaction water to obtain optimum moisture content (OMC) then blend and compact.

The application solution dosage rate is dependent upon the design and performance criteria.

After rolling the surface, apply an additional topical application of diluted solution.

A single 50ml per m² application of **SHIELD AWR** diluted in 500ml of water can be applied as a maintenance program as required.

For more information and to obtain the Material Safety Data Sheet please contact RST.



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