



Sprayco Armaseal - Preserves & Protects



# Armaseal

## Preserves & Protects

Armaseal is an environmentally friendly asphalt and macadam preservative.

Armaseal seals fine cracks and voids, prevents ingress of water, reduces aggregate loss and slows down deterioration.

Armaseal is suitable to be applied to carriageways, car parks, cycle paths and footways. Developed to maintain and preserve the existing properties of the surface.

Armaseal is a rapid setting water based polymer bitumen compound which has minimal effect on surface texture and can be applied by hand or bulk spray tanker.

### RODECO Group

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**Sprayco Armaseal** is a water based bitumen polymer compound which is applied over the asphalt pavement surface. It protects the surface from weathering, oxidation and traffic use, as well as halting the deterioration of the bituminous surface. Sprayco Armaseal seals the surface off from water ingress which in turn helps to prolong the life of the pavement. Depending on location, repeat applications are approximately every 5 to 10 years. It is a completely sustainable and extremely cost effective process. By giving asphalt a longer life, it reduces traffic disruption, aggregate waste and extraction and above all, it reduces whole life costs in road maintenance.



### The Issue

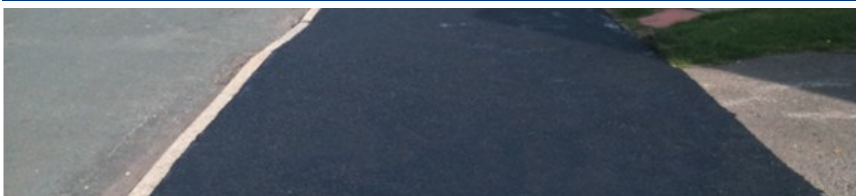
The national road network is critical in allowing businesses to run efficiently, public transport to perform effectively and the travelling public to safely reach their desired destinations. Maintenance of this important asset is essential as even newly laid asphalt will immediately start to deteriorate. Historically this deterioration has simply been accepted as an inevitable consequence of oxidation, weathering and traffic erosion. As a result, surface repair and road maintenance has usually been a costly exercise with added disruption and inconvenience to road users.

### The Solution

Sprayco Armaseal is a unique, cost-effective and sustainable method of protecting and preserving bituminous bound surfaces. It is based on a chemically engineered formulation with specially selected polymers designed for the preservation and subsequent protection of bituminous materials. This also ensures a product with a high softening point thus avoiding 'tackiness' at elevated temperatures.

Sprayco Armaseal successfully arrests the effects of ageing and oxidation by penetrating any fine cracks, interstices and porosity in the surface course, thus sealing off the existing surface material from water and air, and delaying further oxidation and degradation.

The Armaseal process consists of either a warm spray application or hand application by paint roller. The water based bitumen polymer compound then seals the existing surface course, while preserving the texture depth.



- Significantly extends functional life of bituminous bound surfaces
- Creates NO waste material
- Resists water ingress
- Extremely high softening point eliminates risk of tackiness
- Fewer carbon dioxide emissions than a resurfacing alternative
- Quick and easy to apply
- Fast cure process minimizes site occupation
- Low cost and sustainable
- Minimizes need for aggregate extraction



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