

AIWIN ANIONIC BITUMEN EMULSION

(Slow Setting)

AIWIN ASS-1



Complies to ASTM D 977

AIWIN ANIONIC BITUMEN EMLUSION (ASS 1)

ANIONIC Emulsified Asphalts for use in the construction and maintenance of pavements.

- 1- Conforms to ASTM D 977.
- 2- Ideal For slurry seal, tack coat, fog seal and primer caot.
- 3- Easy to apply since the product is emulsified and can be used without heating.
- 4- Non flammable

ASS 1 grade are typically used for slurry seal applications.
These grades are used in the construction and maintenance of pavements .

Surface Preparation:

The area to be sealed must be dry. It must be swept with a power broom to remove dirt, sand, gravel and other debris.

Application:

Apply the asphalt emulsion to the clean surface with a distributor spray bar. Application temperature should be between 20 to 70 °C. ASSE grades of asphalt emulsions can be diluted with water if needed, for example in fog seal application. However, water should be added slowly to the emulsion. Diluting emulsion by adding it to a tank of water should never be done. Traffic must be controlled according to a traffic control plan and be kept off the sealed area until the emulsion breaks or until it does not adhere to vehicle tires. More details about applications methods are available upon request.

Emulsions can be removed from equipment and tools with water when it is wet. When dry it can be removed by any suitable solvent such as gasoline or kerosene.

Depends on the surface treatment technique selected.

Workers should wear protective masks, gloves and goggles during application.

No special precautions are needed since it is a water based, non flammable material.

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Grades are supplied in bulk, 200 kg drums or 18 kg cans. Other weights are available upon request.
Store in a dry and shaded area in original packing.

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TECHNICAL DATA

| PROPERTIES | ASS-1 | | ASS-1h | | TEST METHOD |
|---|----------|-----|----------|-----|-------------|
| | MIN | MAX | MIN | MAX | |
| Saybolt Furol Viscosity at 25°C.seconds | 20 | 100 | 20 | 100 | ASTM D 244 |
| Storage Stability test, 24 hours, % | - | 1 | - | 1 | ASTM D 244 |
| Particle charges test | Negative | | Negative | | ASTM D 244 |
| Cement Mixing test, % | - | 2.0 | - | 2.0 | ASTM D 244 |
| Sieve test, % | - | 0.1 | - | 0.1 | ASTM D 2397 |
| Residue By Distillation, % | 57 | - | 57 | - | ASTM D 244 |
| Test on residue from distillation: | | | | | |
| Penetration at 25°C. 0.1mm | 100 | 200 | 40 | 90 | ASTM D 5 |
| Ductility at 25°C., cm | 40 | - | 40 | - | ASTM D 113 |
| Solubility in trichloroethylene, % | 97.5 | - | 97.5 | - | ASTM D 2042 |

This technical data according to ASTM, B.S, and UEAtc.
his product data sheet supersedes all previous data publication pertaining to this product.
All values given refer to standard production within the usual factory tolerance.
AIWIN reserves the right to change said values without advance notice but without affecting the quality of the product.