

TACK COAT ASPHALT EMULSION (ASPPC 202)

DESCRIPTION

ASPPC 202 is a Rapid Setting Cationic Asphalt Emulsion, Complies With Standard Specifications ASTM D2397.

FEATURES

- Excellent adhesion on all kinds of gravel, needs no additives.
- Can be applied easily and rapidly.
- Energy saving as it is used without heating.
- Environmental friendly.
- Can be applied during all weather conditions except in rainy days.

RECOMMENDED USES

ASPPC 202 works as adhesive between two asphalt layers, for example between binder course and wearing course.

APPLICATION INSTRUCTIONS

- Clean surface to be sprayed and remove any loose material.
- Spray **ASPPC 202** at a specified rate using an asphalt emulsion distributor.
- Spraying must be done uniformly and pressurized.
- **ASPPC 202** gives a dark brown color immediately after being sprayed.
- After breaking color is changed into black in about 30 minutes.
- **ASPPC 202** darkness increases with the final setting time.
- Wearing course can be laid on **ASPPC 202** after the full setting process is occurring (about 2 hrs).
- The best results of the adhering between the asphaltic layers (core test) using **ASPPC 202** is present after at least 48 hrs from laying the wearing course.

SPECIFICATIONS

Physical Properties	Test Method	Results
Viscosity Saybolt Furol at 50°C, sec., min.	ASTM D88	20
Sieve test, %wt, max.	ASTM D244	0.1
Storage stability, %, max.	ASTM D244	1.0
Distillate test:		
Oil distillate, volume of emulsion, %, max.	ASTM D244	3.0
Residue after distillation, % mass, min.		60
Tests on residue from distillation:		
Penetration, 25°C, dmm, max.	ASTM D5	250
Ductility, 25°C, cm, min.	ASTM D113	40
Solubility in trichloroethylene, % mass, min.	ASTM D2042	97.5

COVERAGE

- About 0.35 - 0.5 kg/m², depending on the nature of the substrate.

HEALTH & SAFETY

- **ASPPC 202** is non toxic to eyes or skin.
- Workers should wear protective masks, gloves and goggles during application.
- No special precautions are needed since it is water based non flammable material.

STORAGE:

- Store **ASPPC 202** in a dry and shaded area in original packing.
- Store **ASPPC 202** in clean tanks or drums free from any chemical products or impurities, avoiding air contacts, for about four month.
- Gently stir (recycle) **ASPPC 202** once weekly for at least two hours using a pump between two storage tanks, or between the storage tank and the distributor and vice versa.

PRECAUTIONS:

- When **ASPPC 202** be in contact with air, an asphaltic skin will be formed on the surface, and this skin must be removed before reusing the product.
- Working temperature of **ASPPC 202** is the ambient temperature; in all cases the working temperature not exceeding 50°C.
- Don't use **ASPPC 202** if the temperature during application is less than 5°C.

PACKING

- **ASPPC 202** is supplied in bulk and/or drums.