



NON IONIC EMULSIONS

Complies with ASTM D 1227
FIBERED & NON FIBERED

NON IONIC

INTRODUCTION

AWAZEL NON IONIC EMULSIONS are water based coating materials manufactured to comply with ASTM D 1227 Type II, Class 1 (Fibered) and Type II Class 1 (Non Fibered). these are stable emulsified asphalt, consisting of a blend of selected asphalt emulsified with water to yield an easily cold applied coating. The Fibered emulsion is mixed with special reinforcing fibers.

ADVANTAGES

- Easy to apply since the product is emulsified and can be used without heating
- Resists the attack of salts that are present in the soil and underground water.
- Adhere to concrete, metal, wood, cork, etc...
- Non flammable
- Conforms to ASTM D 1227

USES

AWAZEL NON IONIC EMULSIONS are general waterproofing and dampproofing materials that adhere to a wide range of surfaces including concrete, metal, wood, etc... They can be used as the protective coating for Built-Up-Roofing (BUR) systems and other exposed surfaces, as a dampproofing membrane or as a vapor seal etc... The Fibered Emulsion is specially formulated for vertical and steeply sloping surfaces, while the Non Fibered is ideal for horizontal surfaces and slopes up to 45 degree.

INSTRUCTIONS FOR APPLICATION

Surface Preparation: The surfaces must be clean and free of oil or grease or other foreign matters. On concrete surfaces holes should be closed with cement-sand mortar. The surface may be primed with the same EMULSION diluted with an equal amount of water and allowed to dry.

Application: The emulsion has to be thoroughly

stirred before application. It can be applied by brush, mop or spray equipment. It is recommended to apply two coats depending on the degree of required protection. The first coat must be dry before applying the second coat.

CLEANING

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

COVERAGE

Apply at a rate of 1.1 liter/m² to get a 0.6 mm (Non Fibered) and at a rate of 1.3 liter/m² to get a 0.7mm (Fibered) dry fill on concrete surfaces. Apply the second coat at the same rate. Coverage depends on the smoothness and porosity of the substrate and the intended thickness of coat.

HEALTH & SAFETY

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

PRECAUTIONS

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

PACKING

AWAZEL NON IONIC EMULSIONS are available in 180 or 200 kg drums and 18 or 20 kg cans. Other weights are available upon request.

STORAGE

Store in a dry and shaded area in original packing.

CL041604

NON IONIC EMULSIONS

FIBERED & NON FIBERED

Dampproofing vertical and horizontal surfaces

TECHNICAL DATA

Properties	FIBERED		NON FIBERED		Test Method
	minimum	maximum	minimum	maximum	
Weight per U.S. gallon, lb.	8.2	9.0	8.2	8.7	ASTM D 2939
Weight per liter, g	980	1080	980	1040	ASTM D 2939
Residue by evaporation, %	45	55	47	53	ASTM D 2939
Ash content of residue, %	5	25	-	8	ASTM D 2939
Water content, %	-	55	-	53	ASTM D 244
Firm set, hours	-	24	-	24	ASTM D 2939