

# AWAZEL AWATEX RBE 3500

## Rubberized Damp proof Waterproof Bituminous Emulsion

### Description

**AWAZEL AWATEX RBE 3500** is a bituminous damp proof and waterproof rubberized emulsion, non fibered type, manufactured by using hard bitumen special synthetic resins polymer and other ingredients, it has excellent adhesion property which dries to a highly elastic, tough, black, seamless flexible protective coating.

### Special Features

- Highly flexible to resist structural movements
- Cold applied, can be used directly from the container
- Non toxic and non flammable
- Single component and easy to apply
- Seamless coating which eliminates the Possibility of Irakage occuring due to Overlaps and joints
- Resist the attack of chemicals and salts

### Uses

**AWAZEL AWATEX RBE 3500** is ideal to be used as damp proof elastomeric coating for all Concrete structures to withstand movements. Can be used as flexible waterproof coating for Floor and tiles, etc, also can be used as Protective elastomeric coating for woods and Metals against corrotive attacks.

### Method for Application

1. **Surface preparation:** The surface must be clean and free of dirt, dust oil, grease. All the loosely adhering particles should be remove with suitable means. It is moisten the surface just before application but the surface should not be Water logged.

2. **Application of product:** Apply a prime coat by diluting AWATEX RBE 3500 with 50% clean water if the surface need. For metal surface use AWAZEL PRIMER D 41 as prime coat after drying of the primer coat, **AWAZEL AWATEX RBE 3500** can be applied by trowel, brush, squeegee or roller. The first coat must be dried when the second coat should be applied at right angle to the first Coat should be uniform and even with no gaps.

### Storage & Shelf Life

**AWAZEL AWATEX RBE 3500** should be kept in original packing in a shaded area, away from direct sunlight between 5°C and 45°C. It has a shelf life of 12 months when stored properly as mentioned above under moderate temperature.

### Coverage

2-3m<sup>2</sup>/liter\coat. The coverage may vary depending upon the porosity of the substrate. A dry film thickness of 500-600 microns can be obtained while applying at a rate one liter\sq. meter.

### Cleaning

AWAZEL AWATEX RBE 3500 can be cleaned with water before drying and with suitable Petroleum solvent after dried.

### Health & Safety

No special precautions are needed as AWAZEL AWATEX RBE 3500 is a water based, non flammable and non toxic. Material in case of accidental contact with eyes, wash with plenty of water and seek medical treatment, if required advisable to use gloves or barrier cream.

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### TECHNICAL DATA

Properties	Specifications	Test Method
Appearance: Wet Dry	Dark brown emulsion Black Film	Visual
Emulsion Type	Rubberized	Visual
Density @ 25 deg. C, Kg/L	1.0-1.1	ASTM D 6937 - 16
Solid Content , %	35	ASTM D 2939-03
Rubber Content , %	5 % minimum in dry film	-----
Flash point	Non flammable	-----
Dry Time , Hours	Touch dry 6-8 hours@25°C Intercoat time 12-24 hours@25°C (depends on ambient temperature, humidity and layer thickness)	
Resistance to salte, mild acids and alkalis	Excellent	ASTM C 1202:2012
Resistance to water	No blistering or re- emulsification	ASTM C 1202
Adhesion to concrete Elastic recovery	Excellent Excellent	
Packing	15 , 20 liters pail 200 liters drum	

Note : The above shown technical data are typical results obtained, to the best of our knowledge, from our quality control records, extra details can be provided upon request, (AWAZEL reserves the right to alter the product specification without prior notice)