

AWAZELSEAL SPECIAL

Rubberized Dampproof Waterproof Bituminous Emulsion

Description

AWAZELSEAL SPECIAL is a high performance 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 leakage occurring due to Overlaps and joints
- Resist the attack of chemicals and salts

Uses

AWAZELSEAL SPECIAL 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 corrosive attacks.

Method for Application

***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 must moisten the surface just before application but the surface should not be Water logged.

***Application of Product:** Apply a prime coat by diluting AWAZELSEAL SPECIAL With 50% clean water if the surface need. For metal surface use AWAZEL PRIMER D 41 as prime coat. After drying of the prime coat, AWAZEL SEAL SPECIAL can be applied by trowel, brush, squeegee or roller. The first coat must be dried when the subsequent coats are to be applied. The second coat should be applied at right angle to the first coat. The coat should be uniform and even with no gaps.

Storage & Shelf Life

AWAZELSEAL SPECIAL 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

2-3 m²\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

AWAZELSEAL SPECIAL can be cleaned with water before drying and with suitable Petroleum solvent after dried.

Health & Safety

No special precautions are needed as

AWAZELSEAL SPECIAL 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 | Typical Result | Test Method |
|---|---|--|
| Appearance: Wet Dry | Dark brown emulsion Black Film | Visual |
| Emulsion Type | Rubberized | Visual |
| Density, Kg/Ltr | 1.05 ±0.5 | ASTM D 4052 |
| Solid Content , %Vol | Min. 60 % | ASTM D 244 |
| Rubber Content , % | 10 % | -- |
| pH , Value | 7-14 | ASTM D 1293 |
| Dry Time | Touch dry 3-4 hours@35°C Intercoat time 12-24 hours@35°C | (Depends on ambient temperature, humidity and layer thickness) |
| Resistance to water | No blistering or re- emulsification | ASTM C 1202 |
| Resistance to salt , Mild acids and alkalis | Excellent | ASTM C 1202:2012 |
| Adhesion to concrete | Excellent | |
| Elastic recovery | Excellent | ASTM D 6084 |
| Packing | 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)

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