



Bituguard

Product Description

Bituguard is a ready to use, water base bitumen emulsion containing rubber, for the protection and damp proofing of concrete, retaining walls, basements, etc. Bituguard forms highly elastic and durable film that adheres to most common substrates such as concrete, lime stone and cement block. Bituguard is resistant to mild soil acids and salty water present in the soil.

Features and benefits

- Economical waterproofing membrane.
- Excellent adhesion on all surfaces.
- Very high adhesion strength.
- Solvent free, environmentally friendly.

Typical use

- Any concrete surface that will be backfilled such as retaining walls, basements.
- Adhesive for insulating boards.
- Can be buried under ground

Substrate

Cement plaster, concrete, block work, rendered surfaces etc.

Product Data

Packaging size	15 Kg
Form	Liquid
Colors	Black
Solids by volume	38 ± 2%
Density	1.29 g/cm ³

Application data

The product can be applied by

Roller	Recommended
Brush	Recommended
Spray	Recommended



Cleaning of painting tools

Immediate cleaning with water is necessary.

Film Thickness per coat (on concrete)

Dry film thickness	--
Theoretical spreading rate	6 m ² /kg - 10 m ² /kg

Thinner (solvent to mix with)

Water

Dilution

If necessary, add 5-10% water for first coat. If used as a primer, 1:1 dilution is advised.

Conditions during application

Do not apply if the temperature is below 5°C and not more than 40°C. For ambient air temperature > 30°C continuous humidification (spraying water mist) is required before and during application.

Drying and curing time	25 °C
Surface (touch) dry	2 h
Dry to over coat, minimum	4 h
Full dry	3-4 days

Directions for use

Surface preparation

- Ensure that surface is thoroughly cleaned and free from grease, oil, dirt, salt and other containment.
- Clean the surface with water & neutral detergent.

Recommended Paint System

Number of coats:

1-3 coats, depending on the status of the surface.

Application procedure:

- Hot, dry or very porous substrates should be dampened with clean water prior to application of Bituguard.
- When two or more coats are applied, ensure that the preceding coat is fully dry before applying the next coat which should be applied at 90-degree angles to the first.
- Sharp silica sand may be sprayed onto the coating to increase film thickness, improve mechanical strengths.



Storage

- Store in cool, dry place in a well-sealed container away from moist air for 24 months.
- Keep away from heat, ignition sources and from children.

Caution

- Clean mixing container before use. Do not use dirty tools.
- Do not exceed dilution ratios.
- Keep out of the reach of children

Health and safety

Possible Hazards: It causes irritation in case of skin contact & eye contact, flush immediately with plenty of water for at least 10 minutes and seek medical advice in case it happened.