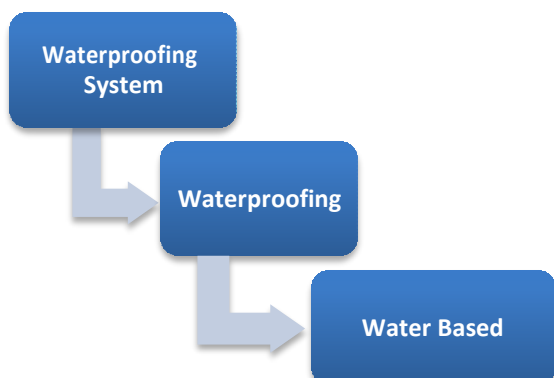


FAMILY TREE



PRODUCT DESCRIPTION

Water based liquid waterproof coating formulated with rubber and carefully selected materials resulted in flexible water based coating solution.

It is specially designed to be used on many common concrete construction substrates.

It is specially designed to suit underground applications. Its form as a single component product that needs no additions makes it easy and quick to apply.

It can be used as protective coating or waterproofing coating.

FIELD OF APPLICATION

Area Type	: <input checked="" type="checkbox"/> Dry	<input checked="" type="checkbox"/> Semi-wet	<input type="checkbox"/> Submerged
Area Location	: <input checked="" type="checkbox"/> UV Resistant	<input checked="" type="checkbox"/> Below grade	<input checked="" type="checkbox"/> Roof Decks
	<input type="checkbox"/> Swimming Pool	<input checked="" type="checkbox"/> Fountains	<input type="checkbox"/> Potable Water Tanks
	<input checked="" type="checkbox"/> Planter Boxes	<input checked="" type="checkbox"/> Kitchen	<input type="checkbox"/> Bathrooms
Type of Application	: <input checked="" type="checkbox"/> Horizontal	<input checked="" type="checkbox"/> Vertical	
Substrates	: <input checked="" type="checkbox"/> Concrete	<input checked="" type="checkbox"/> Cement Mortar	<input checked="" type="checkbox"/> Screed
	<input checked="" type="checkbox"/> Plaster	<input type="checkbox"/> Gypsum Board	<input type="checkbox"/> Cement Board
	<input type="checkbox"/> Plaster Board	<input checked="" type="checkbox"/> Wood	

PROPERTIES

- Resistant to underground with chloride contents.
- Ready to use single component.
- Economical.
- Asbestos free.
- Resistant to underground with sulphate contents.
- Easy to use by brush or broom or squeegee.
- Solvent free.
- Rotting free.

PREPARATION

Working Conditions	: 5 °C to 45°C.
Tools / Equipment	: Mechanically mixer, brush or broom or squeegee.
Substrate	: Clean thoroughly and ensure that it is dry and free from dust, oil, grease, paints or any other loose material that might cause de- bonding with the surface. Special considerations to all newly poured cement based substrates. Ensure that substrates are sufficiently cured, dimensionally stable, shrinkage and structural strain movements free and stable.
Joints	: In general, the product shall not be placed above expansion or construction joints. NASA Flexseal shall be used to manipulate the joints.

MIXING

Ratio	: No materials / liquids shall be added of any type. The product is pre-mixed and ready for usage.
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APPLICATION

Application Method	: By roller or brush.
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Apollo Bituproof B510

Apollo Bituproof B510 – 5/15 kg – ASTM

Rubberized bitumen emulsion waterproof coating for concrete,
single component, water based

Coating Thickness	: <u>Waterproof purpose</u> : 500 microns / coat. <u>Protective purpose</u> : 150 microns / coat.
Coverage	: <u>Waterproofing purpose</u> Approximately 1 – 1.5 m ² / Litre / coat @ 500 microns thickness / coat. <u>Protective purpose</u> Approximately 3 – 5 m ² / Litre / coat @ 150 microns thickness / coat.
Position	: The described process is suitable for vertical and horizontal applications.
Process	: If priming is carried out, wait until the primed surface is completely dried. Stir the product well. Apply the first coat. Maintain the same direction of application horizontal or perpendicular. Do not apply random directions. Protect from dust, debris and traffic. Wait until completely dried. Approximate drying time is 3 hours. Apply the second coat in perpendicular direction to the first coat direct.
Cleaning	: All tools / equipment shall be cleaned immediately after use with fresh clean water. Hardened materials should be cleaned mechanically with Solveteck.

PACKING

Standard Package	: Apollo Bituproof B510 available 5/15 kg.
Custom Package	: Special packages can be arranged for large requirements.
How to Order	: Specify the Product Name followed with a hyphen and package size.

STORAGE CONDITION

Shelf Life	: 12 months from the date of manufacturing.
Temperature	: 2°C and 50°C.
Points of Attention	: Store in shaded area and properly sealed in its original packing.

TECHNICAL PROPERTIES

PROPERTY	STANDARD	VALUE
Standard	ASTM D1227-95, Type III, Class 1. ASTM C309-93 when applied with two coats at a rate of 2 m ² /litre	
Testing Conditions	Tests were carried out in Apollo R&D laboratory @ 25°C	
Component		Single component
Form		Liquid
Colour		Black
Density		1 ± 0.02 g/cm ³
Over coating time		10 hr
Drying time		3 - 5 hrs
VOC		< 40 g/ltr

This Technical Data Sheet is prepared based on extensive research and practical experience. With the varieties of the materials and conditions of application is out of our control, Apollo assumes no responsibility for the obtained results and / or damages caused by the usage of this product. Apollo Technical Service family is always available at your disposal for any advice and directions that might be required.



Apollo Bituproof B510

Apollo Bituproof B510 – 5/15 kg – ASTM

*Rubberized bitumen emulsion waterproof coating for concrete,
single component, water based*

ATTENTION

PPE : It is recommended to use full PPE while working with the product to avoid any possibility of irritation to skin or eyes. In case of accidental contact with eyes, immediately flush with plenty of water for at least 10 minutes and seek medical advice if necessary

Hazardous Classification : Non-Hazardous

Fire : Non-flammable

APOLLO AT THE GLANCE

Apollo is confident with the technical solutions and high quality end products served to the customers.

Apollo invites you to explore other services and products:

- | | | |
|--|--------------------------------------|--------------------------------------|
| • R&D and manufacturing custom solutions | • Adhesives | • Bonding Agents Systems |
| • Building Finishing Systems | • Concrete Admixture | • Concrete Repair Systems |
| • Flooring Systems | • Grouts & Anchoring Systems | • Painting & Putty Systems |
| • Protective Coatings | • Sealant & Jointing Solutions | • Structural Strengthening Solutions |
| • Surface Treatment Solutions | • Tile Adhesive & Grouting Solutions | • Waterproofing Systems |

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