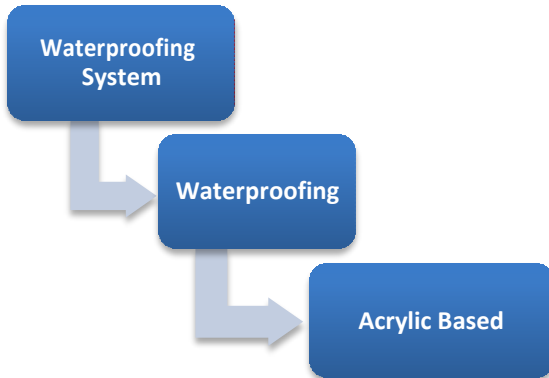


## FAMILY TREE



## PRODUCT DESCRIPTION

Acrylic based elastomeric waterproof coating for roofs and walls that provides flexible coating solution.

It is specially designed for application on concrete, masonry, plaster, terrazzo tiles, corrugated iron, etc.

It is available in white color and is ideally suited for external application due to high UV resistance characteristics. It can be mixed with paints to enhance the paint water resistant characteristics.

## FIELD OF APPLICATION

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

## PROPERTIES

- Elastomeric.
- UV stable and resistant.
- Easy to maintain.
- Single component, easy to apply.
- Anti-fungus.

## PREPARATION

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Working Conditions</b> | : 5° to 35°C.                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Tools / Equipment</b>  | : Mechanically powered mixer, clean plastic mixing container, brush, roller, airless spray machine.                                                                                                                                                                                                                                                                                                                                         |
| <b>Substrate</b>          | : 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.<br>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. It is recommended to clean the surface using high pressure water jet. |
| <b>Priming</b>            | : Porous surfaces should be primed with NASA Primer products at the rate of 5 m <sup>2</sup> /liter and allowed to dry before applying the first coat.                                                                                                                                                                                                                                                                                      |
| <b>Joints</b>             | : In general, the product shall not be placed above expansion or construction joints. NASA Flex seal products ( NASA Putty 505, NASA RMC, NASA FCR7, NASA S, Cem-Grout 2, CemGrout LC) shall be used to manipulate the joints.                                                                                                                                                                                                              |

## MIXING

|                            |                                                      |
|----------------------------|------------------------------------------------------|
| <b>Ratio</b>               | : No materials / liquids shall be added of any type. |
| <b>Mixing Speed</b>        | : Low speed stirring.                                |
| <b>Process</b>             | : Stir the product before use at low speed.          |
| <b>Points of Attention</b> | : Do not add any liquid / material of any type.      |



# APOLLO ROOF W600

APOLLO ROOF W600 – 18 ltr – BS/ASTM

Single Liquid Component, Acrylic Waterproof Coating for Roofs

## APPLICATION

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Application Method</b>  | : By brush or roller or airless spray machine.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Coverage</b>            | : As stated in the Method of Application.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Position</b>            | : The described process is suitable for vertical and horizontal applications.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Process</b>             | : If priming is carried out, wait until the primed surface is completely dried.<br>Stir the product well. The first coat at the rate of 1.5 - 2.0 m <sup>2</sup> /litre and allowed to cure for 4 - 12 hours depending on ambient temperature. The second coat should be applied perpendicular to the first coat at the same rate above, and allowed to cure. For heavy pedestrian traffic, it is recommended to use fiberglass scrim reinforcement, embedded firmly in the second coat while wet, and a third coat should be applied. The above properties are subject to 5% tolerance. |
| <b>Cleaning</b>            | : All tools / equipment shall be cleaned immediately after use with fresh clean water. Hardened materials should be cleaned mechanically with Solvetech.                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Points of Attention</b> | : New concrete substrate should be at least 14 days old.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

## PACKING

|                         |                                                                    |
|-------------------------|--------------------------------------------------------------------|
| <b>Standard Package</b> | : APOLLO ROOF W600 Available in 18 Litres                          |
| <b>Custom Package</b>   | : Special packages can be arranged for large requirements          |
| <b>How to Order</b>     | : Specify the Product Name followed with a hyphen and package size |

## STORAGE CONDITION

|                            |                                                                    |
|----------------------------|--------------------------------------------------------------------|
| <b>Shelf Life</b>          | : 12 months from the date of manufacturing                         |
| <b>Temperature</b>         | : 2°C and 50°C                                                     |
| <b>Points of Attention</b> | : Store in shaded area and properly sealed in its original packing |

## TECHNICAL PROPERTIES

| PROPERTY                        | STANDARD                                               | VALUE                           |
|---------------------------------|--------------------------------------------------------|---------------------------------|
| <b>Standard</b>                 | ASTM & BS                                              |                                 |
| <b>Testing Conditions</b>       | Tests were carried out in Apollo R&D laboratory @ 25°C |                                 |
| <b>Component</b>                |                                                        | Single component                |
| <b>Form</b>                     |                                                        | Liquid                          |
| <b>Colour</b>                   |                                                        | White                           |
| <b>Recoating time</b>           |                                                        | > 2 hrs                         |
| <b>Solid Contents by weight</b> |                                                        | 2% ± 80                         |
| <b>Specific Gravity</b>         |                                                        | 1.55 ± 0.05                     |
| <b>Water permeability</b>       |                                                        | Impermeable                     |
| <b>Elongation</b>               |                                                        | About 250% @ 3 mm dry thickness |

## ATTENTION

|                                 |                                                                                                                                                                                                                                                                         |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>PPE</b>                      | : 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 20 minutes and seek medical advice if necessary |
| <b>Hazardous Classification</b> | : Non-Hazardous                                                                                                                                                                                                                                                         |
| <b>Fire</b>                     | : Non-flammable                                                                                                                                                                                                                                                         |

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 ROOF W600

APOLLO ROOF W600 – 18 ltr – BS/ASTM

Single Liquid Component, Acrylic Waterproof Coating for Roofs

## 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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