

<p>1. DESCRIPTION</p> <p>Impa Aquafibre is an Acrylic waterproofing developed by the Impa Paints Research and Development Laboratories South Africa, reflecting the latest state of the art in waterproofing compounds, designed for waterproofing due to its exceptional water resistance, low dirt retention and alkali resistance.</p> <p>Impa Aquafibre is an acrylic and reinforcing fibre blended waterproofing compound, forming a highly flexible non slumping liquid applied emulsion. The presence of a long synthetic fibre mixed into the compound, eliminates the need for a separate waterproofing membrane and forms a homogeneous seamless waterproofing system</p> <p>2. INTENDED USE:</p> <p>Impa Aquafibre is suitable for,</p> <ul style="list-style-type: none"> Parapet walls, tiled roof capping's, flashings, properly graded roof decks, lap joints, roofing screws, water features, fish ponds and many other waterproofing details. Impa Aquafibre is most effective in areas where NO excessive movement takes place and where the use of a traditional membrane system can be avoided. Impa Aquafibre is suitable for areas of long term ponding but in such areas it must be used in such areas it must be used in conjunction with Aquaprufe Sealer Primer Impa Mouldtech™ antibacterial, fungal and algae protection <p>3. FEATURES</p> <ul style="list-style-type: none"> Excellent waterproofing properties and very low water absorption after prolonged immersion in water. Excellent weather and ultra-violet resistance Will withstand movement of the substrate by exhibiting elongation and extensibility and will not harden or crack. Resistance to Alkaline and Acidic atmospheres Excellent adhesion to all suitably prepared substrates Very little or no maintenance required, depending on the amount of traffic Lower installation cost since waterborne roof compounds are easily applied by brush, roller or squeegee. Excellent resistance to salt spray, mould and fungus. 	<p>SPECIALISED PURPOSE FINISHES</p> <p>IMPA AQUAFIBRE</p> <p>ISSUED DATE : JUNE 2014, REV 1</p>											
<p style="text-align: center;">TECHNICAL DATA</p> <table border="1"> <tr> <td data-bbox="742 667 1102 860"> <i>Product Code</i> <i>Colour</i> <i>Appearance</i> <i>Shelf life</i> <i>Packaging</i> <i>Flashpoint</i> </td> <td data-bbox="1102 667 1528 860"> WA1016 Black, Red, Brown, White and Light Grey Low Sheen 12 Months 1L, 5L & 20L Non flammable </td> </tr> <tr> <td data-bbox="742 860 1102 999"> <i>Viscosity</i> <i>S.G (weight)</i> <i>Solids per volume</i> <i>Solids per mass</i> <i>VOC</i> </td> <td data-bbox="1102 860 1528 999"> 135- 145KU/23°C 1.20 – 1.22Kg/L 40 - 43% 50 - 52% </td> </tr> <tr> <td data-bbox="742 999 1102 1084"> <i>Practical Spreading rate (depending on porosity)</i> <i>Recommended finishing coats.</i> </td> <td data-bbox="1102 999 1528 1084"> 1 – 1.2 L pm² 3 </td> </tr> <tr> <td data-bbox="742 1084 1102 1303"> <p>DRYING TIME</p> <i>Touch dry time</i> <i>Recoating Time</i> <i>Hard Dry</i> <i>Full Cure</i> </td> <td data-bbox="1102 1084 1528 1303"> 1 Hour @ 25°C 8Hours @ 25°C 24 Hours 7 days </td> </tr> <tr> <td data-bbox="742 1303 1102 1464"> <p>APPLICATION</p> <i>Roller & Brush</i> </td> <td data-bbox="1102 1303 1528 1464"> Ready for use. </td> </tr> <tr> <td data-bbox="742 1464 1102 1597"> <i>Cleaning</i> <i>Mixing</i> </td> <td data-bbox="1102 1464 1528 1597"> Hot water and soap Stir until homogeneous Stir occasionally during use. </td> </tr> </table>	<i>Product Code</i> <i>Colour</i> <i>Appearance</i> <i>Shelf life</i> <i>Packaging</i> <i>Flashpoint</i>	WA1016 Black, Red, Brown, White and Light Grey Low Sheen 12 Months 1L, 5L & 20L Non flammable	<i>Viscosity</i> <i>S.G (weight)</i> <i>Solids per volume</i> <i>Solids per mass</i> <i>VOC</i>	135- 145KU/23°C 1.20 – 1.22Kg/L 40 - 43% 50 - 52%	<i>Practical Spreading rate (depending on porosity)</i> <i>Recommended finishing coats.</i>	1 – 1.2 L pm ² 3	<p>DRYING TIME</p> <i>Touch dry time</i> <i>Recoating Time</i> <i>Hard Dry</i> <i>Full Cure</i>	1 Hour @ 25°C 8Hours @ 25°C 24 Hours 7 days	<p>APPLICATION</p> <i>Roller & Brush</i>	Ready for use.	<i>Cleaning</i> <i>Mixing</i>	Hot water and soap Stir until homogeneous Stir occasionally during use.
<i>Product Code</i> <i>Colour</i> <i>Appearance</i> <i>Shelf life</i> <i>Packaging</i> <i>Flashpoint</i>	WA1016 Black, Red, Brown, White and Light Grey Low Sheen 12 Months 1L, 5L & 20L Non flammable											
<i>Viscosity</i> <i>S.G (weight)</i> <i>Solids per volume</i> <i>Solids per mass</i> <i>VOC</i>	135- 145KU/23°C 1.20 – 1.22Kg/L 40 - 43% 50 - 52%											
<i>Practical Spreading rate (depending on porosity)</i> <i>Recommended finishing coats.</i>	1 – 1.2 L pm ² 3											
<p>DRYING TIME</p> <i>Touch dry time</i> <i>Recoating Time</i> <i>Hard Dry</i> <i>Full Cure</i>	1 Hour @ 25°C 8Hours @ 25°C 24 Hours 7 days											
<p>APPLICATION</p> <i>Roller & Brush</i>	Ready for use.											
<i>Cleaning</i> <i>Mixing</i>	Hot water and soap Stir until homogeneous Stir occasionally during use.											

4. SUBSTRATE CONDITION

- Substrate must be clean, dry and sound for painting. **Moisture content** must be **below 14% WME**, measured using a PROTIMETER (or equally approved).

5. SURFACE PREPERATION

- Ensure that all surfaces are dry, clean and free of oil, grease, laitance and in accordance with above **SUBSTRATE CONDITIONS**.

NEW WORK

CEMENT AND FIBRE CEMENT

- Prime with **IMPA HYDROPRIME AR PLASTER PRIMER** as supplied to seal the surface. Allow 12 hours to dry.

CLAY TILE SURFACE

- These surfaces may have a powdery layer present due to age. **RENO WB BONDING LIQUID** is recommended to treat these surfaces and to increase the spreading rate of **Impa Aquafibre**. Pre-wetting with clean water will assist application.

GALVANISED IRON

- Galvanised iron surfaces must be cleaned with **RESTORE GALVANIZED IRON CLEANER** in accordance with product data sheet. Ensure to obtain a water break-free surface. If the area are situated in the coastal region or are known for humid conditions, then apply one coat **IMPA MP10 PRIMER** and allow 4 hours drying.

CHROMADEK

- Wash down with **RESTORE HEAVY DUTY DEGREASER**. Allow drying and apply directly.

PREVIOUSLY PAINTED SURFACES

BAD CONDITION - CEMENT AND ASBESTOS

- Remove all flaking and chalking paint by high pressure water jet at 300kPa. If algae is present, treat these areas with **RESTORE MOSS & MOULD KILLER** in accordance with product data sheet. Prepare and prime all exposed metal roof screws with **IMPA MP5 PRIMER**. Apply a full coat of **IMPA HYDROPRIME AR PLASTER PRIMER** as supplied or **IMPA NOVA SB AR PLASTER PRIMER** (For friable/chalky surfaces; dilute **NOVA SB AR PLASTER PRIMER** up to maximum 10% with **RESTORE TURPENTINE**). Allow 12 hours to cure.

BAD CONDITION – GALVANISED IRON AND CHROMADEK

- Apply **RESTORE HEAVY DUTY DEGREASER** to lift atmospheric pollution. Remove all flaking and chalking paint by high pressure water jet at 300kPa. If algae is present, treat these areas with **RESTORE MOSS & MOULD KILLER** in accordance with product data sheet. Sand all rusted areas to ISO 850101:1988 – St 3 to attain a bright metal finish before application. Spot prime all bare sanded metal areas using one liberal coat **IMPA MP10 PRIMER** and allow 12 hours drying.
- Apply one full primer coat of **IMPA NOVA ETCH PRIMER** and allow 4 hours drying.

GOOD CONDITION

1. Surfaces in good sound condition should be high pressure washed at 180kPa after applying **RESTORE HEAVY DUTY DEGREASER** or a solution of **RESTORE SUGAR SOAP** before applying **SABRE ACRYLIC ROOF PAINT** directly.

6. APPLICATION GUIDES

Impa Aquafibre can be applied by means of a brush or roller at a total of 1 – 1.2 L/m². Apply each successive coat at right angles to the previous coat to ensure a consistent film thickness. In areas of significant movement. **Impa Aquafibre** can be used in conjunction with a **Impa** waterproofing membrane. Apply at the rate of 1L/m² undiluted **Impa Aquafibre** and immediately embed the Geo-fabric into the wet product ensuring no creases or folds in the material. Work the membrane into the **Impa Aquafibre** using a brush. Product should be evident “striking through” the membrane and if this is not the case, too little product has been applied or the product has been allowed to dry before.

Embedding the membrane. After allowing a minimum drying period of 30 minutes, apply a second coat **Impa Aquafibre** at the rate of 0.75L/m². Allow a minimum of 30 minutes drying period. Apply a further final coat of **Impa Aquafibre** at the rate of 0.75L/m². It will be noted that a total of 2.5L/m² of **Impa Aquafibre** has now been applied. The minimum weight of the membrane alone shall be 100g/m². The total weight per m² shall therefore be 1.5kg. Note drying times are based on a temperature of 250 c min. and a R.H. of 60% max. Technical assistance and applicator training are freely available to all approved users

7. PRECAUTIONS

- It is absolutely essential to ensure total drying between coats
- Application should be avoided in cold and moist weather conditions.
- **Do Not** apply the product at surface temperatures below 6°C (minimum of 2°C above dew point) and temperatures above 40°C
- **Do Not** apply if ambient temperature is less than 10°C or more than 40°C.
- **Do Not** apply if relative humidity temperature is less than 10°C or more than 85. °C
- Thinning down is not recommended (except as a primer), but in extreme cases a slight addition of water can be made.
- Not suitable for permanent immersion in water.
- New concrete should be allowed to age for 2-3 weeks before over coating
- **Impa Aquafibre** is designed for a extended life, but it is important to apply a maintenance coat of **Impa Aquafibre** every 3 to 4 years.
- **A membrane system should be used on all areas where excessive movement occurs.**

Environmental Health & Safety Information

WARNING! IRRITANT! HARMFUL IF SWALLOWED. CONTAINS: PROPYLENE OR ETHYLENE GLYCOL. MAY CAUSE EYE, NOSE AND THROAT IRRITATION. AVOID CONTACT WITH SKIN AND EYES AND AVOID BREATHING OF VAPORS AND SPRAY MIST. WEAR EYE PROTECTION AND PROTECTIVE CLOTHING. USE ONLY WITH ADEQUATE VENTILATION. To avoid breathing vapours and spray mist, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches or dizziness, increase fresh air. If properly used, a respirator (NIOSH approved for organic vapor with P series particulate pre-filter) may offer additional protection; obtain professional advice before using. A dust mask does not provide protection against vapors. Avoid contact with eyes and skin. Wash thoroughly after handling. Close container after each use. **FIRST AID:** If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately. In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention; for skin, wash

thoroughly with soap and water. If swallowed, get medical attention immediately.

CAUTION: KEEP OUT OF REACH OF CHILDREN AND ANIMALS - DO NOT TAKE INTERNALLY.

Refer to Material Safety Data Sheet for additional health and safety information.

IN CASE OF FIRE: Use foam, CO₂, dry chemical, or water fog.

SPILL – Absorb with inert material and dispose of as specified under **Thinning/Clean-up.**

† **WARNING!** If you scrape, sand or remove old paint, you may release lead dust.

DISCLAIMER

The technical information contained in this document are given in good faith and are meant to be used as a guideline by the specifier or user. Whilst we are confident about the quality of our products, we cannot accept any liability for the incorrect use or application of our products. Surface preparation forms an integral part of the scope of works and it is expected that the highest standards are maintained during surface preparation and application, to ensure that our products perform as intended. Always ensure to use the same product batch numbers, refrain from doing spot touch-ups and paint surfaces from corner to corner to prevent colour and sheen variance. As technology may change over time we reserve the right to change products to keep up with changes in raw materials or product trends without pre notice. Although we will always prevail to keep clients informed about changes to be made, but cannot bind ourself to such notes Please ensure the use of the latest Technical Data Sheet.

Please note: that all our latest Product Data Sheets and Material Safety Data Sheets are available for viewing on our website at www.impa.co.za. All information listed is owned or used under licence of Impa Paints and its related companies. © 2010 Lurama 149 (Pty) Ltd. All rights is reserved.