

ROOFTEC - ARC is one one-pack roof coating. It provides a highly flexible waterproof coating with excellent weather resistance. ROOFTEC - ARC has long life flexibility and is ideally suitable for use in areas with extreme climatic conditions. A special mould resistant version is available for areas of high temperature and humidity, and a thermal version is available for use in areas of extreme heat and cold. It is applied by brush or spray and after drying can be walked upon uncovered.

**PROPERTIES:**

**ROOFTEC - ARC**

ROOFTEC - ARC is a blend of weather resistant pigments, fillers and acrylic ester resins.

**ROOFTEC - ARC Mould Resistant**

ROOFTEC - ARC Mould Resistant is specially formulated for use in tropical areas of high temperature and humidity. It contains a premium Fungicide /Algaecide to protect the coating from microbial attack for up to 5 years.

**ROOFTEC - ARC Thermo**

ROOFTEC - ARC Thermo contains hollow light micro spherical fillers, which upgrades the thermal insulation of substrates over which it is applied giving considerable cost savings in very hot and cold countries.

**ADVANTAGES:**

- Waterproof and weatherproof coating.
- Allows surface to breath while remaining strongly anchored to the substrate.
- Provides a seamless coating.
- High Flexibility.
- Fast drying.
- Reflects Ultra-Violet (Light) rays

**AREAS OF USE:**

ROOFTEC - ARC is designed for application on roofs constructed from a wide variety of materials i.e. concrete light weight concrete, roof tiles, wood, galvanized steel, asphalt and asbestos cement.

**PREPARATION OF SURFACE:**

Ensure dust, dirt and foreign matter are removed from roof surfaces. All cracks should be made good with ROOFTEC Acrylic filler. Before over coating old substrates in humid tropical areas surfaces in humid tropical areas surfaces should first be washed down with a solution of household bleach 12 hours before re-coating to prevent the re-growth of fungi and algae.

**PRIMING:**

If substrate is porous, it is best to use ROOFTEC Penetrating Primer (1:3 with water) prior to ROOFTEC - ARC application.

**APPLICATION:**

ROOFTEC - ARC can be applied by spray or brush at a rate of about 1-2 m<sup>2</sup>/ltr, embedding glass fibre scrim in areas which require reinforcement. Allow to dry and apply another coat to give an overall average consumption of 1.5-1 m<sup>2</sup>/ltr. Do not apply if rain is threatening, as ROOFTEC - ARC is not resistant to rain until fully dry.

**HEALTH AND SAFETY:**

Avoid contact with skin, eyes and mouth. Not to be taken internally

**STORAGE:**

ROOFTEC - ARC has to be protected from extremes of temperature. Shelf life is a minimum of 12 months in sealed container.

**TECHNICAL SERVICE:**

ROOFTEC offers a comprehensive range of products and services for most concrete and finishing needs.

Please contact the ROOFTEC Technical Department or your local ROOFTEC agent for further information, samples, demonstrations and instructor services. The information given in this leaflet is based upon laboratory research as well as extensive field work and application.

All products are sold subject to standard conditions of sale which are available upon request.

**Technical Data**

<b>PRODUCT</b>	:	Waterproof flexible roofing compound
<b>BINDERS</b>	:	Styrene/Acrylic Ester
<b>FILLERS</b>	:	Crushed and precisely graded fillers
<b>PIGMENTS</b>	:	Weather resistant pigments
<b>DRYING TIME</b>	:	6 hours between coats
<b>SPECIFIC GRAVITY</b>	:	1.3 (Thermo grade 1.0)
<b>COLOURS</b>	:	White
<b>CONSUMPTION</b>	:	0.5-1 m <sup>2</sup> /ltr.
<b>STORAGE</b>	:	Protect from extremes of temperature
<b>SHELF LIFE</b>	:	12 months in original sealed containers

This information is based on ROOFTEC's present state of knowledge and is intended to provide general information on ROOFTEC's products and their methods of use. The prospective user is recommended to determine the suitability of ROOFTEC's suggestion and products before adopting them on a commercial scale.