

General Information

Micon Canesayf is environmentally safe and effective fire retardant system for the fire protection of cane-constructed roofs in Mauritius. The product consists of a 2-part process:

Part 1

The cane is first dipped in an aqueous fire retardant. This formulation is unique and has inherent penetration capabilities enabling the product to penetrate all cane material. This process is done prior to erection.

Part 2

The second part of the system is applied by high-pressure spray system after the roof covering has been erected. On exposure to heat the fire retardant forms a protective char that restricts oxygen flow to the surface and reduces the surface temperature of the coated base.

The outside surface should be resprayed with part 2 of the system on a yearly basis.

Micon Canesayf does not change the natural appearance of the thatch and improves the compaction without hindering its natural ability to breathe.

The product also contains anti-fungal material to assist with decay and insect attack, commonly found in cellulose fibre material.



Before Test



After Test

Testing

Part 1

Part 1 has been tested by the Council for Scientific Research in South Africa (Report No. BC02056005619) March 1996 and the following tests were done:

- Leaching
- Strength
- Corrosion
- Skin sensitivity
- Effects on water
- Effects on ignition
- Environmental effects
- Efficiency

Physical Properties

Specific Gravity:	1.17
Solids Content:	55% Mass
Flash Point:	80 C
Shelf Life:	12 Months

Part 2

Council for Scientific Research (Test No.BF010/020)) September 1993

Fire Properties Test Method

Resistance to ignition	DIN UL (modified)
Weathering	CSIR UL (modified)
Rot Resistance	CSIR

Physical Properties

Viscosity:	16 seconds FC4
Specific Gravity:	1.16
Drying Time:	2-5 hours
Solid Content:	47-49% vol
Shelf Life:	12 months

Note: The information presented is intended guide only and is correct to the best of our knowledge at the time of publication. It should not be considered as a definitive approval for suitability for a particular purpose. Please contact the manufacturer, distributor or approved applicator for confirmation of suitability. Ancillary detailing recommendations are provided in good faith to assist in achieving final waterproof result. We accept no liability for those recommendations or those products performance in use.