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**Product Brochure**



## **About MyBigNano South Africa and our Products.**



**MyBigNano** South Africa was established in 2010 with the aim to bring Nanotechnology coatings to South Africa.

Our Company was the first company in South Africa to do so by signing an exclusive territorial distributorship agreement with Nano4Life EUROPE, the global leader in Nanotechnology Coatings with Distribution in over 30 Countries and counting.

On a National Level, we offer ALL of Nano4Life's Sector Specific range and have established a Provincial operators' system. We currently have Operators in 6 of South Africa's 9 Provinces.

Internationally, **MyBigNano** is also present in Australia, Zambia and Turkey under the same System.



*A South African First*



In another South African First, MyBigNano Brings to you FlameOFF, the ultimate solution in Fire Protection Technology.

**ARE YOU PROTECTED?**

PASSIVE FIRE PROTECTION SAVES LIVES

**Inquire about MBN FlameOFF**





## MBN FlameOff Pyro 400 for Thatch



### Description:

FlameOff Pyro 400 is a new generation natural silicate based Fire Retardant for New Thatch as well as old.

### Basis Of Operation:

FlameOffPyro 400 is a new generation Natural Silicate based Nanotechnology product and is one of the only Nanotechnology products on the market that has been produced for Thatch Fire Protection. FlameOffPyro 400 is Natural Silicate combined with very strong proprietary polymer binders that seal off the starting point and most flammable part of the grass (the tip). Reducing afterglow and the spread of flames.

### Thatch FireProofing:

Thatching is possibly the oldest roofing method known and has been used in tropical and temperate climates alike. It's temperature controlling properties is well known and Thatching is also known as a craft. It's the choice of some affluent people in developed countries who desire a more rustic look to their homes. Unfortunately, Thatch is also highly flammable and there have even been reports of Thatch fires instigated by cigarette embers.

### Advantages of MBN FlameOff Pyro 400:

- ✓ Lightweight and does not block off air-flow
- ✓ Extends the life of the Thatch.
- ✓ It "Binds" Thatch making it difficult for birds to dismantle.
- ✓ Inhibits the growth of Fungus, reducing Sinus and Allergies..

### Applications:

- ✓ Thatch Roofing on Housing.
- ✓ Lapas and other Thatch roofed structures close to Braais.
- ✓ Horizontal and vertical supports
- ✓ Other Thatched Garden Structures.

### Application Procedure and consumption:

An Airless spray machine is needed with a 517 Nozzle tip. Please consult our detailed Application Manual for more information.





### **Consumption-The following consumption Rates are Applicable:**

✓ Consumption depends on several factors such as the age of the grass and the degree inclination (slope) of the Roof. The rule of thumb is around 1-3 Litres per M2. Please consult our application manual for more information.

### **Duration and Limitations:**

MBN FlameOFF Pyro 400 will last for 5-7 years, possible longer depending on conditions. Regular inspections have to be made however.

### **Basic Safety (Please consult our Application Manual for more information):**

- Use only in well ventilated areas
- Wear gloves and face mask when applying
- Avoid contact with skin and eyes. Wash off any contact with water
- Keep container tightly closed
- Keep out of reach of children

As this this product is used outside of our control we cannot be responsible for any damages.

### **Package Handling and Storage:**

Shelf Life: 6-12 Months when kept in recommended storage conditions and original unopened containers.

Storage: Store indoors in a dry environment between 5°C - 35°C. Protect from freezing.

### **Packaging:**

FlameOFF Pyro 400 is available in containers of 20L and 10L. Bigger quantities like drums and barrels are possible.



### **Application Service (optional):**

Don't want the hassle of buying the product, equipment and doing the application yourself, we can send out a crew to come and do it for you.

Price: Inquire for Quotation