



# THATCHERS ASSOCIATION OF SOUTH AFRICA DEKKERSVERENIGING VAN SUID-AFRIKA

Newsletter 5/2020  
20 June 2020

## NEWSLETTER

### MEMBERSHIP RENEWAL

We extend our sincere thanks and appreciation to our members who renewed their membership despite the extremely difficult circumstances. Even the few members who asked to pay their membership fees in installments keep track of their payments.

We trust that the lock-down measures that have been relaxed will be of greater benefit to our members in doing business.

### NATIONAL BUILDING REGULATIONS

Information posted on our Facebook page after inquiries received attracts a lot of positive comments. That is why we are happy to pass on extracts from the National Building Regulations SANS 10400 to our members where most ignorance exists.

The standards can be purchased from the SABS webstore. We are not allowed to forward the whole Standard.

### SANS 10400-V:2017 INSTALLATION OF STEEL FLUES

#### **4.2 Flue pipes**

**4.2.1** No flue pipe shall be designed and installed in such a manner that it will cause a fire hazard to adjacent material.

**4.2.2** No flue pipe shall be connected to a shaft or duct which forms part of a ventilation system.

**4.2.3** No flue pipe shall be installed in a shaft or duct in which services which might be adversely affected by heat are to be situated.

**4.2.4** Flues penetrating thatch roof shall be of non-combustible material equipped with a suitable spark arrestor not less than 750 mm from the exhaust.

NOTE: The spark arrestor typically comprises a 10 mm× 10 mm×1 mm (minimum) section of stainless steel wire mesh, across the full width of the flue and securely built into the flue around the edges, or supported on mild steel dowels.

Chimneys are described under point 4.3.

Hearths and fireplaces are described under point 4.4.

### WHEN IS A LIGHTNING CONDUCTOR NEEDED?

Inquiry was received into what the Standard requires when wire mesh is strung over a thatched roof to prevent damage caused by monkeys and baboons.



## SANS 10400-T:2017

**4.12.2.5** Buildings and lapas with thatched roofs in areas with a lightning flash density greater than 7 (see SANS 10313) shall be provided with a lightning protection system designed and installed by competent persons in accordance with the relevant requirements of SANS 10313 and SANS-62305-3.

**4.12.2.6** Buildings and lapas in which wire or metal rods( conductive sways) are used in the fixing of the thatch layer shall, in areas with a lightning flash density greater than 3 (see SANS 10313), be provided with a lightning protection system, designed and installed by competent persons in accordance with the relevant requirements of SANS 10313 and SANS 62305-3.

The latest available table on lightning ground flash density is attached. It is also included in our „A Guide to Thatch Construcion in South Africa.“

Comments received from Mr. Gerhardus Human of Limpopo Lightning and Earthing (Pty.) Ltd. formerly a board of directors member at Earthing and Lightning Protection Association on our Facebook page.

“Please also read SANS 10225 and Occupational Health and Safety Act point 9. Then you think twice before just issuing an LPS ISP or LPS maintenance certificate.“

### **INCREASE IN INQUIRIES**

An increase in inquiries regarding specification requirements is experienced especially from architects and insurance brokers. This is a good indication that more and more people are aware of the existence of our Association, but especially of the existence of our "A Guide to Thatch Construction in South Africa" that is being sent with every inquiry.

#### **An example:**

*“Hi Elzabie  
Yes thank you.  
I must say very informative and helpful.*

*Regards*

**Ian Pretorius**  
*Director*

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Prospective clients also consult our list of members posted on our website. It is to your advantage to make sure that your contact details are correct. Please notify the office if there are any changes.

Kind regards



André Friis

**NATIONAL CHAIRMAN**

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