



**SOPREMA Inc.**  
**Technical Services**  
1688 Jean-Berchmans-Michaud  
Drummondville (Quebec) J2C 8E9  
Telephone : 1-877-MAMMOUTH  
Web Site : www.soprema.ca

## TECHNICAL BULLETIN

**NO.:** 0212CE  
**DATE ISSUED:** January 2012  
**REPLACES:** 0110CE

### **Subject: SECUROCK® Gypsum-Fiber Roof Boards by CGC**

#### **Handling of the roof panels**

When using gypsum-fiber roof board such as SECUROCK® by CGC, special care must be taken before installing waterproofing membranes on them. It is very important to ensure that the membranes are never welded on roof boards when the surface is moist or wet. For this reason, the membranes must be installed on the same day the roof boards are installed at the job site. Under no circumstances should this type of roof board be exposed to bad weather.

#### **Welded membranes**

The adhesion of thermofusible membranes on these roof boards is good. The roof board must first be coated with ELASTOCOL 500 in order to achieve complete and uniform bonding. In order to prevent blistering of the membrane, a different welding technique must be used. When the panel is exposed to direct flame of a torch, blisters may appear under the membranes. This is why SOPREMA recommends changing the heat-welding method by directing the flame only at the top of the roll making sure to obtain enough heat for a proper adhesion of the membrane. All of our thermofusible membranes can be used on these roof boards, i.e. glass mat, polyester or composite (glass/polyester) membranes.

#### **Self-adhesive membranes**

Self-adhesive membranes bond well to these panels. The rule is the same with these panels as with any other substrate, i.e.: "The substrate must be dry and clean, free of dirt, grease or other products which could interfere with adhesion." For this type of application, ELASTOCOL STICK, ELASTOCOL STICK H<sub>2</sub>O or ELASTOCOL STICK ZERO primer must be used.

#### **Membranes bonded with hot bitumen**

The adhesion of membranes adhered with hot bitumen is good on these panels. SECUROCK® roof boards by CGC must be coated with ELASTOCOL 500 before the application of membranes bonded with hot bitumen.

**Note:** This technical bulletin was prepared by SOPREMA Inc. for architects, engineers, building owners, and contractors, as a reference guide in designing, selecting and constructing roofing, and/or waterproofing and/or air/vapour barriers utilizing SOPREMA Inc. products. SOPREMA Inc. reserves the right to change, or modify, at our discretion, without prior notice, any information, recommendations, or specifications contained in this technical bulletin.

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## SUMMARY:

- Never expose the panels to inclement weather;
- Never apply membranes to panels whose surface is moist or wet;
- If you are uncertain about the condition of the panels, do not apply membranes on them;
- The use of primer is recommended for all applications;
- To achieve the best application possible, it is important to follow the manufacturer's recommendations for the delivery, storage and handling of these roof boards.

- END OF TECHNICAL BULLETIN -

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