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December 3. 2019  
Sagsnr. 5620-110

### **Comparison of two board samples with “PRS FireBoard”**

We have received two samples of a board. The board is white, 15 mm thick, smooth one side and with a net pattern on the other. The boards are designated 5620-110-A and 5620-110-B

#### **Procedure**

The composition of the boards is assessed by XRF-analysis directly on the 15 mm wide edge of the boards. XRF gives a semi-quantitative overview of elements with higher atomic number than sodium.

We have compared the analysis with results previously obtained from “PRS FireBoard” (our report dated July 2. 2018). The findings are given in the diagram below.

#### **Conclusion**

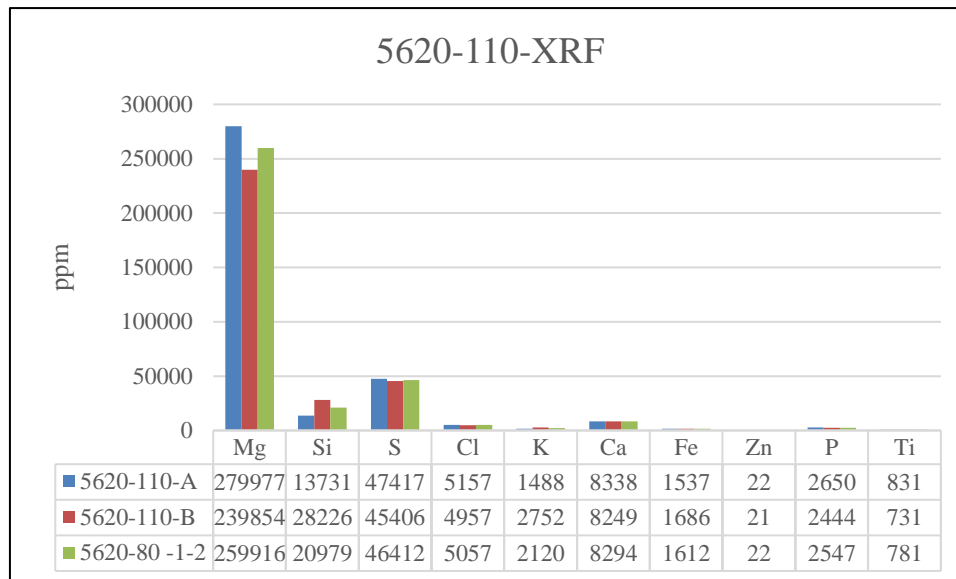
The analysis of the new boards is very similar to the analysis of “PRS FireBoard”

Kind Regards  
Coating Consultancy

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## 1: Composition of boards



*XRF-analysis directly on board samples. Results in ppm (10.000 ppm = 1 %).*

*Organic matter with carbon, oxygen and hydrogen (e.g. wood fibers) is not included in the analysis. Elements in negligible concentrations are not included. The analysis is dominated by magnesium (Mg) and Sulphur (S) whereas the Cl-concentration is low. The composition of the new samples (562-110 -A and -B) is similar to the previously analyzed board (5620-80-1 and -2). The latter, by the way, is based on the mean value from 4 samples*