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## Assessment for “Sentrin FRX” according to EN 16755

This assessment is written on behalf of PTG Treatments Limited.

PTG Treatments Limited has permission from Protim Solignum Limited/Koppers Sweden AB to use 2P00490-B classification report according to EN 16755:2017.

The results for Scots pine (*Pinus sylvestris*) sapwood according to hygroscopicity test is 22,9 % moisture content.

The results for fire retardant treated Western Red Cedar with treatment Exterior Fire-X according to fire test is for  $HRR_{30s\ ave}$  54 kW/m<sup>2</sup> and for  $THR_{600s}$  increase is not possible to calculate (no ignition before accelerated weathering).

The requirements according to EN 16755:2017 are:

Moisture content < 28%

$HRR_{30s\ ave} \leq 150$  kW/m<sup>2</sup>

$THR_{600s}$  increase < 20% compared to fire testing before the weather exposure

This gives that the product “Sentrin FRX” fulfils the requirements for DRF Class INT1, INT2 and EXT in EN 16755:2017 for all wood species.

### **RISE Research Institutes of Sweden AB** **Building Technology - Wood Building Technology**

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