

LINOPAN nv  
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Gent, 1 October 1999

File n° 99-G-094

Extrapolation of "Beproeversverslag Nr. 9309 A and 9309 B" drafted by the Laboratorium voor Aanwending der Brandstoffen en Warmte-Overdracht, Univeristy of Ghent, with respect to the reaction to fire of wood chip boards LINOPAN F-R.

## TECHNICAL EVALUATION

On your request we examined the above mentioned test reports.

These test reports give the description and the results of reaction to fire test executed according to the test method described in the Royal Decree dated 19th December 1997 modifying the Royal Decree dated 7th July 1994, on wood chip board **Linopan F-R** (volumic mass: 600 to 700 kg/m<sup>3</sup>). Test report nr. 9309 A gives the results of the tests executed on boards with a thickness of 12 mm Test report nr. 9309 B gives the results of the tests executed on boards with a thickness of 25 mm.

The results obtained during this test, are given in the table underneath :

Test report	9309 A	9309 B
V <sub>m</sub> after 1'30"	50	40
V <sub>i</sub> after 1'30"	50	40
V <sub>m</sub> after 10'	50	40
V <sub>i</sub> after 10'	50	40
<b>Classification</b>	<b>A1</b>	<b>A1</b>

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Taking into account the above mentioned results, we are of the opinion that the wood chip boards **Linopan F-R with a thickness between 12 mm and 25 mm** with respect to the reaction to fire classification can be classified class **A1** according to NBN S 21-203 and Annex 5 to the Royal Decree dated 19th December 1997 modifying the Royal Decree dated 7th July 1994.

This assessment is only valid as far as the composition of the boards has not been modified with respect to the one of the boards which have been subjected to the test.

It is self-evident that only tests, realized on intermediate thicknesses according to the above mentioned test method, can provide the undisputable proof of this statement.

This assessment is based on the actual knowledge and on the know-how of the test laboratories of the Universities of Ghent and Liège.

This evaluation is only valid when accompanied by the above referenced test reports.

The validity of this evaluation is limited to , unless the test standard or the legislation should be reviewed or amended during this period.

This technical assessment can not be combined with another technical evaluation, except when mentioned explicitly.

dr. ir. A. BRULS

Administrator

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President of the  
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This evaluation contains 2 pages.