

## Testing and classification of burning behaviour of floor coverings for the export to Europe

Reaction to fire is strictly regulated in each EU member state. Today, new EU fire classes ranging from class F to class A replace the former national classifications. For floor coverings the addition "fl" is used, to make clear that the product have to be tested and classified for the use as floor covering. Fire classes D, C and B are subdivided in the classes' s1 and s2 for smoke density: smoke density in case of s1 is lower than in case of s2, meaning the product has an overall better performance within the same fire class.



Which fire class has to be met, depends on specific national regulations, but it can be assumed, that at least C<sub>fl</sub>-s1 is required for most public areas. In general, E<sub>fl</sub> is sufficient for private application. Fire classes C<sub>fl</sub> and B<sub>fl</sub> are generally used only in contract areas. If the producer cannot give any information about the fire behaviour of his product, he has to label the product with the F<sub>fl</sub> pictogram.



We are an accredited Laboratory and the specialist for floor coverings tests.

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